

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7617365

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
TWITTER, INC.	10/27/2022
RECEIVING PARTY DATA	
Name:	MORGAN STANLEY SENIOR FUNDING, INC.
Street Address:	1300 THAMES STREET, 4TH FLOOR
City:	BALTIMORE
State/Country:	MARYLAND
Postal Code:	21231
PROPERTY NUMBERS Total: 1610	
Property Type	Number
Patent Number:	8516374
Patent Number:	9542489
Patent Number:	8187070
Patent Number:	8543454
Patent Number:	8898698
Patent Number:	8342931
Patent Number:	8566866
Patent Number:	8600984
Patent Number:	9218101
Patent Number:	8819728
Patent Number:	9092829
Patent Number:	9154853
Patent Number:	9009130
Patent Number:	9432721
Patent Number:	9753923
Patent Number:	9563901
Patent Number:	9471936
Patent Number:	10445368
Patent Number:	10133818
Patent Number:	10694233

Property Type	Number
Patent Number:	10769194
Patent Number:	11048752
Patent Number:	11381856
Patent Number:	11301505
Patent Number:	10817896
Patent Number:	10769657
Patent Number:	8370938
Patent Number:	9154364
Patent Number:	8683584
Patent Number:	8516590
Patent Number:	8555391
Patent Number:	8656491
Patent Number:	8990945
Patent Number:	9298919
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Patent Number:	8477664
Patent Number:	8484077
Patent Number:	9191456
Patent Number:	10007927
Patent Number:	10013653
Patent Number:	10210430
Patent Number:	10878045
Patent Number:	11062252
Patent Number:	11361042
Patent Number:	10474720
Patent Number:	7024369
Patent Number:	7685313
Patent Number:	7725526

Property Type	Number
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Patent Number:	7024700
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Patent Number:	7062455
Patent Number:	7680684
Patent Number:	7058814
Patent Number:	7058695
Patent Number:	7071757
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Patent Number:	7712030
Patent Number:	7698710
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Patent Number:	7073062
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Patent Number:	6999540
Patent Number:	7016897
Patent Number:	6988145
Patent Number:	7054276
Patent Number:	7051288
Patent Number:	6988135
Patent Number:	7010726
Patent Number:	7058935
Patent Number:	6999193
Patent Number:	7006254
Patent Number:	7039954
Patent Number:	7000013
Patent Number:	7043460
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Patent Number:	6993763
Patent Number:	6988280
Patent Number:	7039804
Patent Number:	7020153
Patent Number:	6989709

Property Type	Number
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Patent Number:	7016710
Patent Number:	7058125
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Patent Number:	7035859
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Patent Number:	7061818

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Patent Number:	7017149
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Patent Number:	7680823
Patent Number:	7660897
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Patent Number:	7734619
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Patent Number:	7747945
Patent Number:	7716573
Patent Number:	7676359
Patent Number:	7752215
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Patent Number:	7661111
Patent Number:	7735006
Patent Number:	7661061
Patent Number:	7720087
Patent Number:	7720825
Patent Number:	7657585
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Patent Number:	7725459
Patent Number:	7668905
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Property Type	Number
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Patent Number:	7966522

Property Type	Number
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Patent Number:	8401009
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Application Number:	17818333

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SIGNATURE: /Daniel C. Weiss/

DATE SIGNED: 10/28/2022

Total Attachments: 33

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GRANT OF
SECURITY INTEREST IN PATENTS

This GRANT OF SECURITY INTEREST IN PATENTS (this “Agreement”), dated as of October, 27, 2022, is made by Twitter, Inc., a Delaware corporation (the “Grantor”), in favor of Morgan Stanley Senior Funding, Inc., as collateral agent (in such capacity, the “Collateral Agent”) for the benefit of the Secured Parties in connection with that certain First Lien Bridge Loan Credit Agreement, dated as of October 27, 2022 (as amended, restated, supplemented or otherwise modified from time to time, the “Credit Agreement”), among X Holdings I, Inc., a Delaware corporation (“Holdings”), X Holdings II, Inc., a Delaware corporation (the “Merger Sub” and, at any time prior to the consummation of the Acquisition, the “Borrower”), Twitter, Inc., a Delaware corporation (the “Company” and, upon and at any time after the consummation of the Acquisition, the “Borrower”), the several lenders from time to time party thereto (each, a “Lender” and, collectively, the “Lenders”) and Morgan Stanley Senior Funding, Inc., as the Administrative Agent and the Collateral Agent for the benefit of the Secured Parties.

WHEREAS, pursuant to the Credit Agreement, the Lenders have severally agreed to make loans to the Borrower upon the terms and subject to the conditions set forth therein;

WHEREAS, in connection with the Credit Agreement, the Grantor and any Subsidiaries that become a party thereto, have executed and delivered the First Lien Bridge Security Agreement, dated as of October 27, 2022, in favor of the Collateral Agent (as amended, restated, supplemented or otherwise modified from time to time, the “Security Agreement”);

WHEREAS, pursuant to the Security Agreement, the Grantor has granted to the Collateral Agent, for the benefit of the Secured Parties, a lien on and security interest in, all of its right, title and interest in, to and under certain Intellectual Property, that is not Excluded Property; and

NOW THEREFORE, in consideration of the premises and to induce the Administrative Agent, the Collateral Agent and the Lenders to enter into the Credit Agreement, to induce the Lenders to make their respective extensions of credit under the Credit Agreement, the Grantor hereby agrees with the Collateral Agent, for the benefit of the Secured Parties, as follows:

1. Definitions. Unless otherwise defined herein or the context otherwise requires, terms used in this Agreement, including its preamble and recitals, have the meanings provided or provided by reference in the Credit Agreement or the Security Agreement.

2. Grant of Security Interest. The Grantor hereby grants a Security Interest in all of such Grantor’s right, title and interest in, to and under the Patents that are listed on Schedule A hereto, including the right to receive all Proceeds therefrom (collectively, the “Collateral”), to the Collateral Agent for the benefit of the Secured Parties as collateral security for the prompt and complete payment and performance when due (whether at the stated maturity, by acceleration or otherwise), in full of the Secured Obligations.

3. Purpose. This Agreement has been executed and delivered by the Grantor for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office. The security interest granted hereby has been granted to the Secured Parties in connection with the Security Agreement and is expressly subject to the terms and conditions thereof. The Security Agreement (and all rights and remedies of the Secured Parties thereunder) shall remain in full force and effect in accordance with its terms. The Grantor hereby authorizes and requests that the Commissioner for Patents of the United States Patent and Trademark Office and any other applicable government officer record this Agreement.

4. Acknowledgment. The Grantor hereby further acknowledges and affirms that the rights and remedies of the Secured Parties with respect to the Security Interest in the Collateral as it relates to Patents granted hereby are more fully set forth in the Credit Agreement and the Security Agreement, the terms and provisions of which (including the remedies provided for therein) are incorporated by reference herein as if fully set forth herein. In the event of any conflict between the terms of this Agreement and the terms of the Security Agreement, the terms of the Security Agreement shall govern. In the event of any conflict between the terms of this Agreement and the terms of the Credit Agreement, the terms of the Credit Agreement shall govern.

5. Counterparts. This Agreement may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original. Delivery of an executed counterpart of a signature page of this Agreement by facsimile transmission or other electronic transmission (i.e., a "pdf" or "tif"), including by electronic signatures or electronic records, each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, to the extent and as provided for in any applicable law, shall be effective as delivery of a manually executed counterpart hereof.

6. Governing Law: THIS AGREEMENT SHALL BE GOVERNED BY, AND CONSTRUED IN ACCORDANCE WITH, THE LAWS OF THE STATE OF NEW YORK.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed and delivered by their respective officers duly authorized as of the day and year first above written.

TWITTER, INC.,
as a Grantor

By: 
Name: Elon R. Musk
Title: President, Secretary and Treasurer

MORGAN STANLEY SENIOR
FUNDING, INC., as the Collateral Agent

By: _____
Name: Lisa Hanson
Title: Vice President

[Signature Page to Grant of First Lien Bridge Security Interest in Patents]

PATENT
REEL: 061804 FRAME: 0048

SCHEDULE A

Patent Registrations and Applications

[See attached.]

Application No.	Patent No.	Filing Date	Issued Date	Record Owner	Title
12/238,402	8316374	7/16/2010	8/20/2013	Buehn Labs, Inc.	Displaying Estimated Social Interest in Time-Based Media
12/338,405	9542489	7/16/2010	1/10/2017	Buehn Labs, Inc.	Estimating Social Interest in Time-Based Media
12/677,422	8187076	9/8/2010	5/29/2012	Buehn Labs, Inc.	Games of Chance Based on Event Databases
13/030,940	8543454	2/18/2011	9/24/2013	Buehn Labs, Inc.	Generating Audience Response Metrics and Ratings From Social Interest in Time-Based Media
13/555,332	8688898	1/20/2012	11/25/2014	Buehn Labs, Inc.	Cross Media Targeted Message Synchronization
13/454,736	8342931	4/24/2012	1/1/2012	Buehn Labs, Inc.	Games of Chance Based on Event Databases
13/667,281	8568866	5/9/2012	10/22/2013	Buehn Labs, Inc.	Web Identity to Social Media Identity Correlation
13/481,901	8500984	7/13/2012	12/9/2013	Buehn Labs, Inc.	Topic And Time Based Media Affinity Estimation
13/687,175	9218101	11/28/2012	12/22/2015	Buehn Labs, Inc.	Displaying Estimated Social Interest in Time-Based Media
13/800,206	8819728	5/22/2013	8/26/2014	Buehn Labs, Inc.	Topic to Social Media Identity Correlation
13/875,527	8092822	8/26/2013	7/28/2015	Buehn Labs, Inc.	Generating Audience Response Metrics and Ratings From Social Interest in Time-Based Media
13/975,551	9154853	8/26/2013	10/6/2015	Buehn Labs, Inc.	Web Identity To Social Media Identity Correlation
14/067,589	9009130	10/30/2013	4/14/2016	Buehn Labs, Inc.	Topic and Time Based Media Affinity Estimation
14/620,097	9432721	10/21/2014	8/30/2016	Buehn Labs, Inc.	Cross Media Targeted Message Synchronization
14/664,719	9753923	3/20/2015	9/6/2017	Buehn Labs, Inc.	Topic And Time Based Media Affinity Estimation
14/795,683	9563901	7/9/2015	2/7/2017	Buehn Labs, Inc.	Generating Audience Response Metrics and Ratings From Social Interest in Time-Based Media
14/873,587	9471936	10/2/2015	10/18/2016	Buehn Labs, Inc.	Web Identity to Social Media Identity Correlation
15/141,579	10445368	5/2/2016	10/15/2019	Buehn Labs, Inc.	ESTIMATING SOCIAL INTEREST IN TIME-BASED MEDIA
15/462,806	10133818	11/28/2016	11/20/2018	Buehn Labs, Inc.	Estimating Social Interest in Time-Based Media
15/420,955		1/31/2017		Buehn Labs, Inc.	GENERATING AUDIENCE RESPONSE METRICS AND RATINGS FROM SOCIAL INTEREST IN TIME-BASED MEDIA
15/589,926	10664233	5/8/2017	6/23/2020	Buehn Labs, Inc.	Social Networking System Targeted Message Synchronization
15/661,106	10769194	7/27/2017	9/8/2020	Buehn Labs, Inc.	Topic And Time Based Media Affinity Estimation
16/800,365	11048752	10/11/2018	6/29/2021	Buehn Labs, Inc.	ESTIMATING SOCIAL INTEREST IN TIME-BASED MEDIA
16/908,001	11381856	6/22/2020	7/5/2022	Buehn Labs, Inc.	SOCIAL NETWORKING SYSTEM TARGETED MESSAGE SYNCHRONIZATION
16/993,216	11301505	8/13/2020	4/12/2022	Buehn Labs, Inc.	TOPIC AND TIME BASED MEDIA AFFINITY ESTIMATION
17/660,801		6/28/2021		Buehn Labs, Inc.	ESTIMATING SOCIAL INTEREST IN TIME-BASED MEDIA
17/648,210		6/23/2022		Buehn Labs, Inc.	SOCIAL NETWORKING SYSTEM TARGETED MESSAGE SYNCHRONIZATION
17/717,887		4/11/2022		Buehn Labs, Inc.	TOPIC AND TIME BASED MEDIA AFFINITY ESTIMATION
18/211,253	10817886	8/16/2011	10/27/2020	CARDSPRING, LLC	MEASURING CONVERSION OF AN ONLINE ADVERTISING CAMPAIGN INCLUDING GROUP OFFERS FROM AN OFFLINE MERCHANT
13/211,270	10769657	8/16/2011	9/8/2020	CARDSPRING, LLC	MEASURING CONVERSION OF AN ONLINE ADVERTISING CAMPAIGN INCLUDING REFERRAL OFFERS FROM AN OFFLINE MERCHANT
16/824,795		7/9/2020		CARDSPRING, INC.	MEASURING CONVERSION OF AN ONLINE ADVERTISING CAMPAIGN FROM AN OFFLINE MERCHANT FORMERLY MONITORING FOR OFFLINE TRANSACTIONS
17/012,271		9/4/2020		CARDSPRING, LLC	MEASURING CONVERSION OF AN ONLINE ADVERTISING CAMPAIGN INCLUDING REFERRAL OFFERS FROM AN OFFLINE MERCHANT
17/730,425		12/22/2020		CARDSPRING, INC.	MEASURING CONVERSION OF AN ONLINE ADVERTISING CAMPAIGN FROM AN OFFLINE MERCHANT FORMERLY MONITORING FOR OFFLINE TRANSACTIONS
12/761,331	8370938	4/15/2010	2/6/2013	Dasient, Inc.	Mitigating Malware
12/813,336	9154284	4/15/2010	10/6/2015	Dasient, Inc.	Monitoring for Problems and Detecting Malware
13/018,161	8683584	1/31/2011	3/25/2014	Dasient, Inc.	Risk Assessment
13/037,242	8516580	2/28/2011	8/20/2013	Dasient, Inc.	Malicious Advertisement Detection and Remediation
13/174,593	8555391	6/30/2011	10/8/2013	Dasient, Inc.	Adaptive Scanning
13/707,489	8658481	12/6/2012	2/18/2014	Dasient, Inc.	Mitigating Malware
13/803,892	8990945	5/28/2013	3/24/2015	Dasient, Inc.	Malicious Advertisement Detection and Remediation
13/875,510	9288918	8/26/2013	3/29/2016	Dasient, Inc.	Scanning Ad Content for Malware with Varying Frequencies
14/051,832	9268937	10/11/2013	2/23/2016	Dasient, Inc.	Mitigating Malware
14/614,317	9398031	2/4/2015	2/19/2016	Dasient, Inc.	Malicious Advertisement Detection and Remediation
10/784,006	8678630	3/4/2004	3/18/2014	Twitter, Inc.	Keyword recommendation for internet search engines
11/183,137	8112548	7/14/2005	2/7/2012	Twitter, Inc.	Alert mechanism for notifying multiple user devices sharing a connected data-set
11/294,343	8504575	3/29/2006	8/6/2008	Twitter, Inc.	Behavioral Targeting System
11/666,337	7688347	8/18/2006	4/13/2010	Twitter, Inc.	System and method for shortening click URLs
11/548,640	7809735	10/11/2006	10/5/2010	Twitter, Inc.	Infrastructure for more efficient processing to generate ad hoc reports
11/571,391	7848233	9/13/2007	12/7/2010	Twitter, Inc.	A method and a communication platform for packet communication between a service provider in a first network and a radio communication device in a second network
12/473,914	8607224	5/28/2009	12/10/2013	Twitter, Inc.	System for packaging native program extensions together with virtual machine applications
12/684,732	9754268	4/21/2010	9/5/2017	Twitter, Inc.	Offline serving threshold and delivery policy adjustment
12/640,598	8392343	7/21/2010	3/5/2013	Twitter, Inc.	Estimating probabilities of events in sponsored search using adaptive models
12/881,114	8477664	9/13/2010	7/2/2013	Twitter, Inc.	Communication platform for method for packet communication between a service provider and a radio communication device
12/893,939	8484077	9/29/2010	7/9/2013	Twitter, Inc.	Using Linear and Log-Linear Model Combinations for Estimating Probabilities of Events
13/450,982	9191456	4/19/2012	11/17/2015	Twitter, Inc.	Systems and methods for establishing or maintaining a personalized trusted social network

Application No.	Patent No.	Filing Date	Issued Date	Record Owner	Title
15/055 944	10007927	2/29/2016	6/26/2018	Twitter, Inc.	Behavioral Targeting System
15/006 594	10013653	1/26/2016	7/3/2018	System and method for learning features of geometric domains	
15/020 809	10210430	11/22/2017	2/19/2019	Fabula AI Limited	System and method for learning features of geometric domains
14/442 687	10878045	9/1/2015	12/29/2020	Honest Work Corporation	System, Method, and Computer Program Product for Determining Peers of a User by Evaluating Persons Identified from a Calendar of the User
14/442 705	11062252	9/1/2015	7/13/2021	Honest Work Corporation	Work Related Feedback System Method, and Computer Program Product
17/102 134	11361042	11/23/2020	6/14/2022	Honest Work Corporation	System, Method, and Computer Program Product for Determining Peers of a User by Evaluating Persons Identified from a Calendar of the User
12/957 380	10474720	11/30/2010	11/12/2019	TV Seagull Acquisition Corp.	INFORMATION FEED UPDATE MECHANISM
16/375 857		4/4/2018		TV Seagull Acquisition Corp.	INFORMATION FEED UPDATE MECHANISM
09/563943	7024369	5/31/2000	4/4/2006	Twitter, Inc.	Balancing the comprehensive reach of a user
09/584810	7685313	5/31/2000	3/29/2010	Twitter, Inc.	Universal computing server
09/602490	7725526	6/23/2000	5/25/2010	Twitter, Inc.	System and method for web based sharing of search engine queries
09/611158	7003584	7/6/2000	2/23/2006	Twitter, Inc.	Apparatus and method for accessing request header information using a transcoding filter server
09/619331	7024700	7/19/2000	4/4/2006	Twitter, Inc.	Computer with security function and method therefor
09/628233	7676463	7/28/2000	7/11/2006	Twitter, Inc.	System and method for providing decentralized E-commerce
09/657039	7062455	9/7/2000	6/13/2006	Twitter, Inc.	Method and system for tracking computer hardware and software assets by allocating and tagging the asset with an asset tag barcode having a software distribution system (SDS) number and verifying the asset tag barcode upon entry of the asset at a destination site
09/658951	7680684	9/11/2000	3/16/2010	Twitter, Inc.	Resourcing of staff for events
09/672360	7058614	9/28/2000	6/6/2006	Twitter, Inc.	System and method for providing time-limited access to people, objects and services
09/682145	7658695	7/26/2001	6/6/2006	Twitter, Inc.	System and method for simplifying web contents, and method thereof
09/682473	7071757	9/6/2001	7/4/2006	Twitter, Inc.	Clock signal distribution utilizing differential sinusoidal signal pair
09/683231	6993035	12/4/2001	1/31/2006	Twitter, Inc.	System for routing data packets through a crossbar switch in expansion mode
09/687092	7712030	10/12/2000	5/4/2010	Twitter, Inc.	System and method for managing messages and annotations presented in a user interface
09/692996	7698710	10/19/2000	4/13/2010	Twitter, Inc.	System and method to improve service in a group of servers
09/710927	7065713	11/9/2000	6/20/2006	Twitter, Inc.	Apparatus and method for keeping aggregated portions of multiple web sites simultaneously displayed and updated
09/727623	6998614	12/1/2000	2/7/2006	Twitter, Inc.	Resource allocation in data processing systems
09/734611	7003780	12/1/2000	2/21/2000	Twitter, Inc.	Method and an apparatus to extend the logic volume manager model to allow device management plug-ins
09/739637	7654828	12/20/2000	5/30/2006	Twitter, Inc.	Computer method for using sample data to predict future population and domain behaviors
09/740600	7073062	12/19/2000	7/4/2006	Twitter, Inc.	Method and apparatus to mutually authentication software modules
09/740733	7694216	12/19/2000	4/6/2010	Twitter, Inc.	Automatic assignment of feed labels
09/749908	6995540	12/29/2000	2/14/2006	Twitter, Inc.	Programmable driver/qualizer with alterable analog finite impulse response (FIR) filter having low inter-symbol interference and constant peak amplitude independent of coefficient settings
09/751248	7616897	12/29/2000	3/21/2006	Twitter, Inc.	Authentication referral search for LDAP
09/696611	6988145	1/24/2001	1/11/2006	Twitter, Inc.	Method, system, and program for managing client access to a shared resource
09/728300	7654276	2/7/2001	5/30/2006	Twitter, Inc.	Method and method for a multicast network messaging service
09/784593	7051288	2/15/2001	5/23/2006	Twitter, Inc.	Method, system, and product for a java based desktop to provide window manager services on UNIX
09/784694	6988135	2/15/2001	1/17/2006	Twitter, Inc.	Method and system for specifying a cache policy for caching web pages which include dynamic content
09/788169	7010726	3/1/2001	3/7/2006	Twitter, Inc.	Method and apparatus for saving data used in error analysis
09/814324	7658635	3/23/2001	6/6/2006	Twitter, Inc.	Program compilation and optimization
09/820518	6999193	3/29/2001	2/14/2006	Twitter, Inc.	Computer generated report printing method and system
09/847310	7006254	5/3/2001	2/28/2006	Twitter, Inc.	Method and system for data hiding and authentication via baffoning and coordinate protection
09/849697	7039954	5/4/2001	5/2/2006	Twitter, Inc.	Method for enabling a network-addressable device to detect use of its identity by a spoofer
09/861820	7000013	5/21/2001	2/14/2006	Twitter, Inc.	System for providing gracefully degraded services on the internet under overloaded conditions responsive to HTTP cookies of user requests
09/871496	7043460	5/31/2001	5/9/2006	Twitter, Inc.	Web browser-based object oriented application component test client
09/872054	6998101	5/31/2001	1/17/2006	Twitter, Inc.	Method, system, and computer program product for providing an extensible file system for accessing a foreign file system from a local data processing system
09/872827	7010552	5/31/2001	3/7/2006	Twitter, Inc.	Optimizing command execution in database systems that provide support for updatable scrollable cursors
09/891163	7742998	6/25/2001	6/22/2010	Twitter, Inc.	Method and system for administering compliance with international shipping requirements
09/892585	6993763	6/26/2001	1/31/2006	Twitter, Inc.	Technique for scheduling execution of jobs for or by network-connected devices
09/895090	6988280	6/29/2001	1/17/2006	Twitter, Inc.	System and method for enhancing authorization request in a computing device
09/895230	7038604	6/29/2001	5/2/2006	Twitter, Inc.	Method and system to integrate existing user and group definitions in a database server with heterogeneous application servers
09/898870	7620153	7/3/2001	3/28/2006	Twitter, Inc.	Method and system for processing data packets
09/903239	6988709	7/1/2001	1/24/2006	Twitter, Inc.	CMOS low voltage high-speed differential amplifier
09/905938	7009971	7/16/2001	3/7/2006	Twitter, Inc.	Methods and arrangements for multicasting a data stream at different data rates to groups of subscribers
09/912089	7024413	7/24/2001	4/4/2006	Twitter, Inc.	Method of externalizing legacy database in ASN-1 formatted data into XML format
09/918276	7016710	7/31/2001	3/21/2006	Twitter, Inc.	Power optimized request response communication protocol with timer mechanism to enforce client to generate request
09/921508	7058125	8/2/2001	6/6/2006	Twitter, Inc.	Data communications

Application No.	Patent No.	Filing Date	Issued Date	Record Owner	Title
09/922618	7062860	8/6/2001	6/13/2006	Twitter, Inc.	Method and apparatus for controlling the performance of a file system mount operation by a user lacking superuser authority
09/924823	7035859	8/8/2001	4/25/2006	Twitter, Inc.	Method and system for intra-table referential integrity for relational database systems
09/931290	6993571	8/16/2001	1/31/2006	Twitter, Inc.	Power conservation in a server cluster
09/940974	7111595	8/28/2001	5/4/2010	Twitter, Inc.	Method and system for generating a value proposition for a company in an industry
09/946408	7660991	9/5/2001	2/6/2010	Twitter, Inc.	Embedding, processing and detection of digital content, information and data
09/951950	7107546	9/13/2001	4/21/2010	Twitter, Inc.	Source code interface
09/956177	7016933	9/20/2001	3/21/2006	Twitter, Inc.	Translation and substitution of transmitted environmental data
09/961993	7027073	9/24/2001	4/11/2006	Twitter, Inc.	Virtual cameras for digital imaging
09/966004	7673243	9/27/2001	3/2/2010	Twitter, Inc.	Apparatus and method for a web browser to select a home page upon activation based on a scheduler or network connection
09/969308	7032244	10/2/2001	4/18/2006	Twitter, Inc.	Identifying potential intruders on a server
09/972462	6996676	10/5/2001	2/7/2006	Twitter, Inc.	Storage area network methods and apparatus with file system extension
09/973395	7056680	10/9/2001	6/6/2006	Twitter, Inc.	Information distribution method and system
09/973910	7065547	10/10/2001	6/20/2006	Twitter, Inc.	Database migration
09/977161	7003111	10/11/2001	2/21/2006	Twitter, Inc.	Method, system, and program, for encoding and decoding input data
09/981295	6996116	11/21/2001	2/7/2006	Twitter, Inc.	Switching modes and interface modules for data networks
09/993966	7030899	11/5/2001	4/18/2006	Twitter, Inc.	Data display system, data display method, computer system and computer program product
09/995087	7734726	11/27/2001	6/6/2010	Twitter, Inc.	System and method for dynamically allocating processing on a network amongst multiple network servers
09/997587	6999544	11/28/2001	2/14/2006	Twitter, Inc.	Apparatus and method for oversampling with evenly spaced samples
09/998048	7000027	11/29/2001	2/14/2006	Twitter, Inc.	System and method for knowledgeable node-initiated TCP Splicing
10/003366	7065101	11/15/2001	6/20/2006	Twitter, Inc.	Modification of bus protocol packet for serial data synchronization
10/007024	69887932	11/5/2001	1/17/2006	Twitter, Inc.	Apparatus and method for controlling an optical transceiver
10/011181	7054887	11/9/2001	5/30/2006	Twitter, Inc.	Method and system for object replication in a content management system
10/012828	7688348	12/7/2001	3/30/2010	Twitter, Inc.	Method of detecting and tracking groups of people
10/020692	7051341	12/14/2001	5/23/2006	Twitter, Inc.	Method, system, and program for implementing a remote method call
10/026386	7069550	12/21/2001	6/27/2006	Twitter, Inc.	Delegation-based class loading of cyclically dependent components
10/039017	7058678	1/2/2002	6/6/2006	Twitter, Inc.	Fast forwarding ALU
10/040130	7051331	1/2/2002	5/23/2006	Twitter, Inc.	Methods and apparatus for monitoring a lower priority process by a higher priority process
10/041390	7672899	1/8/2002	3/2/2010	Twitter, Inc.	Transmitting common and unique information selectively to different recipients
10/043657	7013944	1/9/2002	3/14/2006	Twitter, Inc.	Massively computational parallelizable optimization management system and method
10/054036	6999732	1/22/2002	1/31/2006	Twitter, Inc.	Design of a pointerless BDD package
10/056653	7028045	1/25/2002	4/11/2006	Twitter, Inc.	Compressing index files in information retrieval
10/061854	7024618	2/1/2002	4/4/2006	Twitter, Inc.	Transmission error checking in result forwarding
10/062368	7054486	1/31/2002	5/30/2006	Twitter, Inc.	Image processing method, system, computer program and data carrier
10/063069	7061818	3/15/2002	6/13/2006	Twitter, Inc.	Memory and refresh method for memory
10/065720	6992014	11/13/2002	1/31/2006	Twitter, Inc.	Method and apparatus for clock rate uniformity control
10/068935	7076798	2/7/2002	7/11/2006	Twitter, Inc.	Securing non-EJB corba objects using an EJB security mechanism
10/076901	7647319	2/13/2002	5/18/2006	Twitter, Inc.	System and method for enabling a collision-free protocol over ethernet
10/077051	7043550	2/15/2002	5/9/2006	Twitter, Inc.	Method for controlling group membership in a distributed multinode data processing system to assure mutually symmetric liveness status indications
10/078111	7028067	2/20/2002	4/11/2006	Twitter, Inc.	Generation of mask-constrained floating-point addition and subtraction test cases, and method and system therefor
10/079018	7017149	2/19/2002	3/21/2006	Twitter, Inc.	Automated server configuration
10/079458	7147575	2/20/2002	6/29/2010	Twitter, Inc.	Incremental update control for remote copy
10/079651	7129421	2/20/2002	6/1/2010	Twitter, Inc.	Low latency video decoder with high-quality variable scaling and minimal frame buffer memory
10/085606	7032101	2/26/2002	4/18/2006	Twitter, Inc.	Method and apparatus for prioritized instruction issue queue in a processor
10/085459	7047530	3/7/2002	5/16/2006	Twitter, Inc.	Method and system for cross platform, parallel processing
10/097063	7039116	3/14/2002	4/29/2006	Twitter, Inc.	Percolating hot function stores/forces to colder calling functions
10/099739	7051201	3/15/2002	5/23/2006	Twitter, Inc.	Securing cached data in enterprise environments
10/103586	7065637	3/25/2002	6/20/2006	Twitter, Inc.	Method and system for providing an event driven image for a boot record
10/112786	7076109	3/28/2002	7/11/2006	Twitter, Inc.	System and method of automatically determining the dominant periodically in sequential binary data
10/121463	7064741	4/11/2002	6/20/2006	Twitter, Inc.	Light source device, display device and reflection sheets for use therewith
10/131167	7032225	4/23/2002	4/18/2006	Twitter, Inc.	Object-oriented framework for document routing service in a content management system
10/142611	7073155	5/9/2002	7/4/2006	Twitter, Inc.	Information personalisation method
10/152258	7076117	5/20/2002	7/11/2006	Twitter, Inc.	Methods and apparatus for cut-and-paste editing of multiresolution surfaces
10/159485	7028090	5/30/2002	4/11/2006	Twitter, Inc.	Tokens utilized in a server system that have different access permissions at different access times and method of use
10/160280	7076781	5/31/2002	7/11/2006	Twitter, Inc.	Resource reservation for large scale job scheduling
10/162810	7752165	6/4/2002	7/6/2010	Twitter, Inc.	Method, system and program product for centrally managing computer backups
10/164883	7046213	6/5/2002	5/16/2006	Twitter, Inc.	Apparatus and method for direct manipulation of electronic information
10/167327	7023628	6/10/2002	4/4/2006	Twitter, Inc.	Hybrid electronic mask
10/183749	7043469	6/26/2002	5/9/2006	Twitter, Inc.	Method and system for slow materialization of scrollable cursor result sets
10/188566	7752160	7/2/2002	7/6/2010	Twitter, Inc.	Method for unordered relational database retrieval returning distinct values

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10/186870	7002772	7/3/2002	2/21/2006	Twitter, Inc.	Gripper mechanism for tape cartridges
10/193581	7065743	7/11/2002	6/20/2006	Twitter, Inc.	Apparatus and method for caching analyzed program information
10/202360	7054466	7/24/2002	5/30/2006	Twitter, Inc.	Orientation determination
10/202861	7058683	7/25/2002	6/6/2006	Twitter, Inc.	Instant messaging third party
10/209515	7024422	7/31/2002	4/4/2006	Twitter, Inc.	Script evaluator
10/210820	7000221	7/31/2002	2/14/2006	Twitter, Inc.	Estimation of clustering for access planning
10/216494	7051105	8/8/2002	5/23/2006	Twitter, Inc.	System and method for distributing management events to external processes
10/217529	7036123	8/13/2002	4/25/2006	Twitter, Inc.	Eliminating memory corruption when performing tree functions on multiple threads
10/226569	6999960	8/23/2002	2/14/2006	Twitter, Inc.	Apparatus and method to coordinate requests provided to a data storage and retrieval system
10/226672	6986576	8/23/2002	2/27/2006	Twitter, Inc.	Command list controller for controlling hardware based on an instruction received from a central processing unit
10/246991	7069504	9/19/2002	6/21/2006	Twitter, Inc.	Conversion processing for XML to XML document transformation
10/248132	7076477	12/19/2002	7/11/2006	Twitter, Inc.	Fast and robust optimization of complex database queries
10/248149	7057610	12/20/2002	6/6/2006	Twitter, Inc.	Display unit, information processing unit, display method, program, and recording medium
10/248301	7073145	1/7/2003	7/4/2006	Twitter, Inc.	Programmable delay method for hierarchical signal balancing
10/249682	7075532	5/23/2003	7/11/2006	Twitter, Inc.	Robust terahertz radiation and triangulation method with applications in VLSI layout design and manufacturability
10/252082	6993716	9/20/2002	1/31/2006	Twitter, Inc.	Frame rearrangement to support bidirectional languages in a Web application
10/255040	7020809	9/25/2002	3/28/2006	Twitter, Inc.	System and method for utilizing spare bandwidth to provide data integrity over a bus
10/262055	7850538	9/30/2002	1/19/2010	Twitter, Inc.	Initializing a processing system to ensure fail-safe boot when faulty PCI adapters are present
10/262651	7072822	9/30/2002	7/4/2006	Twitter, Inc.	Deploying multiple enterprise planning models across clusters of application servers
10/264188	7752187	10/3/2002	7/6/2010	Twitter, Inc.	SQL query construction using durable query components
10/271520	7001207	10/21/2002	2/28/2006	Twitter, Inc.	Scheduling of transactions in system-level test program generation
10/288137	7610719	11/5/2002	3/7/2006	Twitter, Inc.	External storage device capable of selectively storing data in a semiconductor memory or a hard disk
10/289869	7069479	11/7/2002	6/27/2006	Twitter, Inc.	Method and apparatus for obtaining diagnostic data for a device attached to a computer system
10/292358	7003704	11/12/2002	2/27/2006	Twitter, Inc.	Two-dimensional redundancy calculation
10/294879	6993682	11/14/2002	1/31/2006	Twitter, Inc.	Automated test generation
10/295255	7066121	11/15/2002	6/13/2006	Twitter, Inc.	Method and apparatus for a scalable parallel computer based on optical fiber broadcast
10/298136	7703097	11/15/2002	4/20/2010	Twitter, Inc.	Auto-commit processing in an IMS batch application
10/307071	7051245	11/30/2002	5/23/2006	Twitter, Inc.	System and method for handling out-of-order data supplied by a real-time feed
10/307607	7075344	12/2/2002	7/11/2006	Twitter, Inc.	Measurement of the write current of a current mode write driver while engaged in the writing process
10/314574	7015576	12/9/2002	3/21/2006	Twitter, Inc.	Electronic substrate with onboard terminal array, perimeter terminal array and exterior terminal array on a second surface and module and system including the substrate
10/315708	7653814	12/10/2002	1/26/2010	Twitter, Inc.	System and method for securely hyperlinking graphic objects
10/317260	7010517	12/10/2002	3/7/2006	Twitter, Inc.	Organization of SQL working memory in a transaction-oriented processing environment
10/319841	7020648	12/14/2002	3/26/2006	Twitter, Inc.	System and method for identifying and utilizing a secondary index to access a database using a management system without an internal catalogue of online metadata
10/323147	7747941	12/18/2002	6/29/2010	Twitter, Inc.	Webpage generation tool and method
10/324501	7676462	12/19/2002	3/9/2010	Twitter, Inc.	Method, apparatus, and program for refining search criteria through focusing word definition
10/324548	6998598	12/20/2002	2/7/2006	Twitter, Inc.	Method and system for the garbage collection of shared data
10/325552	7000089	12/20/2002	2/14/2006	Twitter, Inc.	Address assignment to transaction for serialization
10/338758	7044633	1/9/2003	5/16/2006	Twitter, Inc.	Method to calculate a chip with multiple temperature sensitive ring oscillators by calibrating only TSPRO
10/341770	7680769	1/14/2003	3/16/2010	Twitter, Inc.	Method of creating a database and search keys and for searching the database
10/346214	7669386	1/18/2003	6/21/2006	Twitter, Inc.	System and method for handling resource transaction requests
10/346339	7668664	1/17/2003	2/23/2010	Twitter, Inc.	Digital library system with customizable workflow
10/349235	7706785	1/22/2003	4/21/2010	Twitter, Inc.	System and method for context-aware unified communications
10/365296	7062496	2/12/2003	6/13/2006	Twitter, Inc.	Automatic data abstraction generation using database schema and related objects
10/370355	7707156	2/19/2003	4/27/2010	Twitter, Inc.	Delegation object as a first-class business modeling object
10/382810	7660844	3/5/2003	2/9/2010	Twitter, Inc.	Network service system and program using data processing
10/388568	7024530	3/14/2003	4/4/2006	Twitter, Inc.	Method, system, and program for establishing and using a point-in-time copy relationship
10/403310	7702786	3/27/2003	4/20/2010	Twitter, Inc.	Taking a resource offline in a storage network
10/414447	7010633	4/10/2003	3/7/2006	Twitter, Inc.	Apparatus, system and method for controlling access to facilities based on usage classes
10/420684	7694000	4/22/2003	4/6/2010	Twitter, Inc.	Context sensitive pointers
10/421250	7007146	4/22/2003	2/28/2006	Twitter, Inc.	System and method for relocating pages pinned in a buffer pool of a database system
10/421450	7747586	4/23/2003	6/29/2010	Twitter, Inc.	Apparatus and method to map and copy computer files
10/422678	7038920	4/24/2003	5/2/2006	Twitter, Inc.	Method for detecting and powering off unused I/O slots in a computer system
10/424486	7055002	4/25/2003	5/30/2006	Twitter, Inc.	Integrated purge store mechanism to flush L2/L3 cache structure for improved reliability and serviceability
10/424487	7038768	4/25/2003	5/2/2006	Twitter, Inc.	Cache predictor for simultaneous multi-threaded processor system supporting multiple transactions
10/425443	7039760	4/28/2003	5/2/2006	Twitter, Inc.	Programming means for dynamic specifications of cache management preferences
10/425444	6998679	4/28/2003	2/7/2006	Twitter, Inc.	Cache allocation mechanism for saving multiple elected unworthy members via substitute victimization and imputed worthiness of multiple substitute victim members
10/426150	7703070	4/29/2003	4/20/2010	Twitter, Inc.	Method and system for assessing a software generation environment
10/426403	7019922	4/29/2003	3/28/2006	Twitter, Inc.	Apparatus and method for read information from a tape storage medium
10/427866	7660908	5/1/2003	2/9/2010	Twitter, Inc.	Implementing virtual packet storage via packet work area
10/431928	7032056	5/8/2003	4/18/2006	Twitter, Inc.	Encoding of message onto strobe signals

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10/435667	7035665	5/12/2003	4/25/2006	Twitter, Inc.	System and method for simultaneous access of the same line in cache storage
10/636378	7069362	5/12/2003	6/21/2006	Twitter, Inc.	Topology for shared memory computer system
10/439039	7698588	5/15/2003	4/13/2010	Twitter, Inc.	Circuit and related method for synchronizing data signals to a core clock
10/654052	7710874	6/4/2003	5/4/2010	Twitter, Inc.	System and method for automatic management of many computer data processing system pipes
10/662534	7739664	6/16/2003	6/15/2010	Twitter, Inc.	Collection and detection of differences of values of expressions variables when debugging a computer process
10/662093	7747948	5/13/2004	6/26/2010	Twitter, Inc.	System and method comprising an electronic document from physical documents
10/604194	7007214	6/30/2003	2/28/2006	Twitter, Inc.	Diagnosable scan chain
10/604195	6993692	6/30/2003	1/31/2006	Twitter, Inc.	Method, system and apparatus for aggregating failures across multiple memories and applying a common defect repair solution to all of the multiple memories
10/604279	7058914	7/8/2003	6/6/2006	Twitter, Inc.	Automatic latch compression/reduction
10/604621	6995683	8/5/2003	2/7/2006	Twitter, Inc.	System and method for implementing self-timed decoded data paths in integrated circuits
10/604991	7025891	8/29/2003	4/11/2006	Twitter, Inc.	Method of poisoning C4 polydynam masks to remove polydynam peaks
10/604994	6990025	8/29/2003	1/24/2006	Twitter, Inc.	Multi-port memory architecture
10/605127	6989318	10/22/2003	1/24/2006	Twitter, Inc.	Method for reducing shallow trench isolation consumption in semiconductor devices
10/611931	7008877	7/3/2003	3/7/2006	Twitter, Inc.	Selective capping of copper wiring
10/617528	7739141	7/10/2003	6/15/2010	Twitter, Inc.	Consulting assessment environment
10/620733	6992255	7/16/2003	1/31/2006	Twitter, Inc.	Via and via landing structures for smoothing transitions in multi-layer substrates
10/623249	7069525	7/18/2003	6/21/2006	Twitter, Inc.	Method and apparatus for determining characteristics of MOS devices
10/624428	7715479	7/21/2003	5/11/2010	Twitter, Inc.	Power-aware on-chip memory management for video coding algorithms
10/634273	7038915	8/5/2003	5/2/2006	Twitter, Inc.	Apparatus, system, and method for arraying electrical devices in a cabinet
10/646128	7707060	8/21/2003	4/27/2010	Twitter, Inc.	Automatic collection and dissemination of product usage information
10/651715	7698229	8/29/2003	4/13/2010	Twitter, Inc.	Method and apparatus for trading digital items in a network data processing system
10/655666	7683306	9/4/2003	3/23/2010	Twitter, Inc.	Method for access by server-side components using unsupported communication protocols through pass-through mechanism
10/66793	7673307	9/18/2003	3/2/2010	Twitter, Inc.	Managing transactions in a messaging system
10/670678	7766726	9/25/2003	7/13/2010	Twitter, Inc.	Secured medical sign-in
10/672373	7038392	9/26/2003	5/2/2006	Twitter, Inc.	Active-matrix light emitting display and method for obtaining threshold voltage compensation for same
10/673747	7010721	9/29/2003	3/7/2006	Twitter, Inc.	File system journal management
10/677152	7051223	9/30/2003	5/23/2006	Twitter, Inc.	System, apparatus, and method for limiting non-volatile memory
10/680372	7685016	10/7/2003	3/23/2010	Twitter, Inc.	Method and system for analyzing relationships between persons
10/685181	7668923	10/14/2003	2/23/2010	Twitter, Inc.	Master-slave adapter
10/690015	7766355	10/21/2003	2/9/2010	Twitter, Inc.	System and method for routing IP datagrams
10/690920	7729933	10/31/2003	6/1/2010	Twitter, Inc.	Decision support activation and management in product life cycles using a context pyramid structure
10/703917	7002860	11/6/2003	2/21/2006	Twitter, Inc.	Multi-level register file bit-read method and apparatus
10/706262	7720948	11/12/2003	5/18/2010	Twitter, Inc.	Method and system of generically specifying packet classification behavior
10/717894	7626259	12/1/2004	4/11/2006	Twitter, Inc.	Liquid-filled balloons for immersion lithography
10/709039	7052925	4/8/2004	5/30/2006	Twitter, Inc.	Method for manufacturing self-compensating resistors within an integrated circuit
10/709313	7043472	4/28/2004	5/16/2006	Twitter, Inc.	Method and apparatus for selectively altering dielectric properties of localized semiconductor device regions
10/709356	7010377	4/29/2004	3/7/2006	Twitter, Inc.	Method, system, and storage medium for facilitating a transport scheme in an automated material handling system environment
10/709671	7660888	5/21/2004	2/9/2010	Twitter, Inc.	Indicating network resource availability methods, system and program product
10/710145	7038462	6/22/2004	5/2/2006	Twitter, Inc.	Method and apparatus for electrical commingling of circuits
10/710222	7005874	6/28/2004	2/28/2006	Twitter, Inc.	Utilizing clock shield as defect monitor
10/711040	6989685	8/19/2004	1/24/2006	Twitter, Inc.	Method and system for maintaining uniform module junction temperature during burn-in
10/711201	6998867	9/1/2004	2/14/2006	Twitter, Inc.	Laser-induced sampling methodology for semiconductor processing
10/711556	7038474	9/24/2004	5/2/2006	Twitter, Inc.	Enhanced critical parameter analysis of CMOS devices
10/711604	7688418	9/28/2004	3/30/2010	Twitter, Inc.	Liquid crystal display panel
10/713186	6988020	11/14/2004	1/17/2006	Twitter, Inc.	Method and apparatus to move an accessor within a data storage and retrieval system
10/713641	7752544	11/17/2003	7/6/2010	Twitter, Inc.	Method, system, and apparatus for remote interactions
10/715255	7756751	11/17/2003	7/13/2010	Twitter, Inc.	Architecture for business process integration
10/716172	7047506	11/19/2003	5/16/2006	Twitter, Inc.	Method to identify geometrically non-overlapping optimization partitions for parallel timing closure
10/717941	7752617	11/20/2003	7/6/2010	Twitter, Inc.	Apparatus, system, and method for updating an embedded code image
10/718857	7734487	11/21/2003	6/8/2010	Twitter, Inc.	Process driven quality measures
10/721399	7710881	11/25/2003	5/4/2010	Twitter, Inc.	Apparatus for scalable reliable group communication
10/726450	7622628	12/2/2003	4/4/2006	Twitter, Inc.	Dielectrics with improved leakage characteristics
10/726957	7050141	12/3/2003	5/23/2006	Twitter, Inc.	Manufacturing method and bonding apparatus with vacuum chuck with independent retaining portions for liquid crystal (LCD) device
10/729463	7650601	12/4/2003	1/19/2010	Twitter, Inc.	Operating system kernel-assisted, self-balanced, access-protected library framework in a run-to-completion multi-processor environment
10/729803	7707080	12/5/2003	4/27/2010	Twitter, Inc.	Resource usage metering of network services
10/730666	7685143	12/8/2003	3/23/2010	Twitter, Inc.	Unified logging service for distributed applications
10/731718	7747732	12/9/2003	6/29/2010	Twitter, Inc.	Household internet connection monitoring and troubleshooting through voice based telephony devices
10/734043	7711742	12/11/2003	5/4/2010	Twitter, Inc.	Intelligent data query builder

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10/735736	701891	12/16/2003	3/28/2006	Twitter, Inc.	Ultra thin Si channel CMOS with improved series resistance
10/736025	7653692	12/15/2003	1/26/2010	Twitter, Inc.	Method, system, and apparatus for generating weblogs from interactive communication client software
10/736415	7006403	12/15/2003	2/28/2006	Twitter, Inc.	Self timed bit and read/write pulse stretchers
10/738722	6996647	12/17/2003	2/7/2006	Twitter, Inc.	Token swapping for hot spot management
10/738814	7730461	12/17/2003	6/1/2010	Twitter, Inc.	Software tool configured to generate test cases characterized by a linear range of integral values
10/739818	7712078	12/18/2003	5/4/2010	Twitter, Inc.	Program editing apparatus, program editing method, and program for splitting a program file
10/744633	7711730	12/22/2003	5/4/2010	Twitter, Inc.	Method of returning data during insert statement processing
10/746708	7715448	12/23/2003	5/4/2010	Twitter, Inc.	Method and structures for enabling national language support for dynamic data
10/750507	7672964	12/31/2003	3/2/2010	Twitter, Inc.	Method and system for dynamically initializing a view for a streaming data base system
10/751598	7702663	1/5/2004	4/20/2010	Twitter, Inc.	Breaking read barrier to apply optimizations
10/753515	7685104	1/8/2004	3/23/2010	Twitter, Inc.	Dynamic bitmap processing, identification and reusability
10/754011	7720840	1/8/2004	5/18/2010	Twitter, Inc.	Method applying iterative closure to group by and order by clauses
10/756136	7705216	1/13/2004	4/20/2010	Twitter, Inc.	Payment control to inventors in patent tracking system
10/756918	7755837	1/14/2004	7/13/2010	Twitter, Inc.	Method and apparatus for reducing reference character dictionary comparisons during handwriting recognition
10/757793	7689578	1/15/2004	3/30/2010	Twitter, Inc.	Dealing with annotation versioning through multiple versioning policies and management thereof
10/758538	7693991	1/16/2004	4/6/2010	Twitter, Inc.	Virtual clustering and load balancing servers
10/759938	7002453	1/16/2004	2/21/2006	Twitter, Inc.	Remote lamp status display via fiber optic system
10/763928	7693943	1/23/2004	4/6/2010	Twitter, Inc.	Classification of electronic mail into multiple directories based upon their spam-like properties
10/768334	7716135	1/29/2004	5/11/2010	Twitter, Inc.	Incremental compliance environment, an enterprise-wide system for detecting fraud
10/771034	7693759	2/3/2004	4/6/2010	Twitter, Inc.	On demand accrual system and method
10/774651	7711802	2/6/2004	5/4/2010	Twitter, Inc.	Method, system, and computer program product for activating non-SMS device using chat protocol
10/776297	7676552	2/11/2004	3/9/2010	Twitter, Inc.	Automatic provisioning of services based on a high level description and an infrastructure description
10/776716	7006931	2/11/2004	2/28/2006	Twitter, Inc.	System and method for efficient analysis of transmission lines
10/778984	7703101	2/13/2004	4/20/2010	Twitter, Inc.	Automatic workload classification using predictive assertion for wait queue and thread pool selection
10/783002	7712176	2/20/2004	5/18/2010	Twitter, Inc.	Computer-implemented method, system and program product for comparing application program interfaces (APIs) between JAVA byte code releases
10/784624	7726385	2/23/2004	6/1/2010	Twitter, Inc.	Heat dissipation interface for semiconductor chip structures
10/789099	7735086	2/27/2004	6/6/2010	Twitter, Inc.	Methods and arrangements for planning and scheduling change management requests in computing systems
10/799542	7680682	3/11/2004	3/16/2010	Twitter, Inc.	Method, system and program product for assessing a product development project employing a computer-implemented evaluation tool
10/809588	7723342	3/25/2004	5/25/2010	Twitter, Inc.	Method, computer program product, and data processing system for estimating a number of attendees of a scheduled event in an electronic calendar system
10/816993	7702104	4/1/2004	4/20/2010	Twitter, Inc.	System and method for securing genomic information
10/825148	7073144	4/15/2004	7/4/2010	Twitter, Inc.	Stability metrics for placement to quantify the stability of placement algorithms
10/829624	7725498	4/22/2004	5/25/2010	Twitter, Inc.	Techniques for identifying integrable data
10/835236	7747651	4/29/2004	6/29/2010	Twitter, Inc.	Metadeta modelling for reporting
10/844145	7668854	5/12/2004	2/23/2010	Twitter, Inc.	System and method of building proven search paths
10/844531	7702838	5/13/2004	4/20/2010	Twitter, Inc.	Method and apparatus for configuring space extension bus
10/845548	7661098	5/13/2004	2/9/2010	Twitter, Inc.	Computer program optimization in a dynamic compilation environment
10/845931	7685147	5/14/2004	3/23/2010	Twitter, Inc.	Automatic management method and system with category-based correlations
10/851728	7661028	5/21/2004	2/9/2010	Twitter, Inc.	Access by distributed computers to a same hardware resource
10/856600	7657383	5/28/2004	2/2/2010	Twitter, Inc.	Method, system, and apparatus for compactly storing a subject genome
10/860293	7751312	6/3/2004	7/6/2010	Twitter, Inc.	System and method for packet switch cards re-synchronization
10/860412	7665076	6/3/2004	2/16/2010	Twitter, Inc.	Method and apparatus for activating/deactivating run-time determined software routines in Java compiled bytecode applications
10/865698	7746988	6/10/2004	6/29/2010	Twitter, Inc.	Method, system and telephone answering device for processing control scripts attached to voice messages
10/871757	7675927	6/17/2004	3/9/2010	Twitter, Inc.	Trace information queuing system
10/872282	7669180	6/18/2004	2/23/2010	Twitter, Inc.	Method and apparatus for automated risk assessment in software projects
10/872451	7033927	6/22/2004	4/25/2006	Twitter, Inc.	Apparatus and method for thermal isolation, circuit cooling and electromagnetic shielding of a water information collecting system for providing connection information to an application in an IP network
10/874595	7698384	6/23/2004	4/13/2010	Twitter, Inc.	Active and contextual risk management using risk software objects
10/881806	7702917	7/1/2004	4/20/2010	Twitter, Inc.	System and method for processing of markup language information
10/893692	7676742	7/17/2004	3/9/2010	Twitter, Inc.	System and method for collapsing VOO's of a packet switch fabric
10/894882	7706394	7/20/2004	4/27/2010	Twitter, Inc.	System and method for collapsing VOO's of a packet switch fabric
10/896265	7660641	7/21/2004	2/9/2010	Twitter, Inc.	System, graphical user interface (GUI), method and program product for configuring an assembly line
10/896680	7669240	7/22/2004	2/23/2010	Twitter, Inc.	Apparatus, method and program to detect and control deleterious code (virus) in computer network
10/896827	7734685	7/27/2004	6/8/2010	Twitter, Inc.	Method, system and program product for annihilating a development artifact
10/901592	7058526	7/29/2004	6/6/2006	Twitter, Inc.	Method, apparatus and computer program product for implementing enhanced power system with optimized fuse placement and sizing
10/901843	7747780	7/29/2004	6/29/2010	Twitter, Inc.	Near real-time data center switching for client requests
10/904565	7714366	11/16/2004	5/11/2010	Twitter, Inc.	CMOS transistor with a polysilicon gate electrode having varying grain size
10/906822	7734893	3/8/2005	6/8/2010	Twitter, Inc.	Personal and timed chat interface
10/906992	7664820	3/15/2005	2/16/2010	Twitter, Inc.	RFID wireless control of instant messaging
10/908566	7680823	5/17/2005	3/16/2010	Twitter, Inc.	Custom report generation

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10/911058	7660897	8/3/2004	2/9/2010	Twitter, Inc.	Method, system, and program for distributing application transactions among work servers
10/915791	7756049	8/31/2004	7/13/2010	Twitter, Inc.	Apparatus, system, and method for controlling link status changes
10/923956	7746998	8/23/2004	6/29/2010	Twitter, Inc.	Integrating enterprise and provider contact center resources to handle workload on-demand
10/926158	7688552	8/25/2004	3/30/2010	Twitter, Inc.	UID metadata query development
10/926593	7752203	8/26/2004	7/6/2010	Twitter, Inc.	System and method for look ahead caching of personalized web content for portals
10/931535	7668805	9/1/2004	2/23/2010	Twitter, Inc.	System and method for managing query access to information
10/931914	7716305	9/1/2004	5/11/2010	Twitter, Inc.	Apparatus, system, and method for preserving cluster level serialization during file server serialization reinitialization
10/932201	7711721	9/1/2004	5/4/2010	Twitter, Inc.	Apparatus, system, and method for suspending a request during file server serialization reinitialization
10/932734	7669200	9/2/2004	2/23/2010	Twitter, Inc.	Resizing an install image
10/946677	7062728	9/22/2004	6/13/2006	Twitter, Inc.	Method and system for obtaining a feasible integer solution from a half-integer solution in hierarchical circuit layout optimization
10/952414	7694311	9/29/2004	4/6/2010	Twitter, Inc.	Grammar-based task analysis of web logs
10/964876	7660726	10/14/2004	2/9/2010	Twitter, Inc.	System and method for providing a secure contact management system
10/965152	7669204	10/14/2004	2/23/2010	Twitter, Inc.	Autonomic SMT System tuning
10/965251	7705946	10/14/2004	4/27/2010	Twitter, Inc.	Computer-based onboard noise suppression devices with remote web-based management features
10/965272	7673283	10/14/2004	3/2/2010	Twitter, Inc.	Method and system for improved modeling language profile
10/966600	7721291	10/15/2004	5/18/2010	Twitter, Inc.	Apparatus, system, and method for automatically minimizing real-time task latency and maximizing non-real time task throughput
10/967535	7693815	10/18/2004	4/6/2010	Twitter, Inc.	Automatic subscriptions to documents based on user navigation behavior
10/971806	7650435	10/22/2004	1/13/2010	Twitter, Inc.	Apparatus and method to install a component to an information storage and retrieval system
10/972160	7711713	10/21/2004	5/4/2010	Twitter, Inc.	System for deterministic database recovery time
10/977767	7752076	10/29/2004	7/6/2010	Twitter, Inc.	Inventory management of resources
10/978073	7716657	10/28/2004	5/11/2010	Twitter, Inc.	Complex optimization with privatizing of a non-final object
10/984299	7711781	11/9/2004	5/4/2010	Twitter, Inc.	Technique for detecting and blocking unwanted instant messages
10/987342	7711962	11/12/2004	5/4/2010	Twitter, Inc.	Method, system and program product for rewriting view statements in structured query language (SQL) statements
10/992379	7668930	11/18/2004	2/23/2010	Twitter, Inc.	Web service distribution system over the World Wide Web using web services description language (WSDL) standard including implementation for uniformly generating all fault conditions in WSDL message format
10/992585	7669198	11/18/2004	2/23/2010	Twitter, Inc.	On-demand translator for localized operating systems
10/993332	7716288	11/18/2004	5/11/2010	Twitter, Inc.	Determining the configuration of a data processing system existing at the time a transaction was processed
10/996197	7739293	11/22/2004	6/15/2010	Twitter, Inc.	Method, system, and program for collecting statistics of data stored in a database
10/999749	7669318	11/30/2004	2/9/2010	Twitter, Inc.	Method and apparatus for querying program design models
11/004325	7689993	12/4/2004	3/30/2010	Twitter, Inc.	Assigning tasks to processors based at least on resident set sizes of the tasks
11/005822	7703082	12/7/2004	4/20/2010	Twitter, Inc.	Controlling user intervention in a multi-processing computer system
11/006877	7668833	12/8/2004	2/23/2010	Twitter, Inc.	Involving participants in a distributed transaction
11/013003	7685400	12/15/2004	3/23/2010	Twitter, Inc.	Storage of data blocks of logical volumes in a virtual disk storage subsystem
11/017490	7680771	12/20/2004	3/16/2010	Twitter, Inc.	Apparatus, system, and method for database provisioning
11/031403	7668741	1/6/2005	2/23/2010	Twitter, Inc.	Managing compliance with service level agreements in a grid environment
11/031542	7707288	1/6/2005	4/21/2010	Twitter, Inc.	Automatically building a locally managed virtual node grouping to handle a grid job requiring a degree of resource parallelism within a grid environment
11/031785	7739685	1/6/2005	6/15/2010	Twitter, Inc.	Decoupling a central processing unit from its tasks
11/032335	7724881	1/10/2005	5/25/2010	Twitter, Inc.	Communication device having advanced and pluggable telephony features
11/032932	7673292	1/11/2005	3/2/2010	Twitter, Inc.	Auto conversion of tests between different functional testing tools
11/033436	7657942	1/11/2005	2/2/2010	Twitter, Inc.	Method of assuring enterprise security standards compliance
11/033790	7685138	1/12/2005	3/23/2010	Twitter, Inc.	Method, system and program product for managing document summary information
11/034266	7716741	1/12/2005	5/11/2010	Twitter, Inc.	Method and system for offloading real-time virus scanning during data transfer to storage peripherals
11/038710	7747640	1/20/2005	6/29/2010	Twitter, Inc.	Method for regenerating selected rows for an otherwise static result set
11/039510	7747685	1/20/2005	6/29/2010	Twitter, Inc.	Method for automatic detection of display shrap and alert generation in instant messaging
11/039776	7689653	1/18/2005	3/30/2010	Twitter, Inc.	Apparatus and method controlling use of individual segments of instant messaging content
11/041771	7661034	1/24/2005	2/9/2010	Twitter, Inc.	Multilayered architecture for storage protocol conformance testing of storage devices
11/042432	7734686	1/25/2005	6/8/2010	Twitter, Inc.	Markup method for managing rich client code and experiences using multi-component pages
11/043790	7685159	1/25/2005	3/23/2010	Twitter, Inc.	Creating content associations through visual techniques in a content framework system
11/046408	7716306	1/25/2005	5/11/2010	Twitter, Inc.	Data caching based on data contents
11/047841	7711794	2/1/2005	5/4/2010	Twitter, Inc.	Adjusting timing between automatic, non-user-initiated pollings of server to download data therefrom
11/047955	7752612	1/31/2005	7/6/2010	Twitter, Inc.	Method, apparatus and program storage device for determining an optimal number of tasks during reorganization of a database system with memory and processor constraints
11/053312	7664990	2/9/2005	6/20/2006	Twitter, Inc.	Method and apparatus for implementing multiple column redundancy for memory
11/054233	7660838	2/9/2005	2/9/2010	Twitter, Inc.	System and method for performing decimal to binary conversion
11/055264	7694286	2/10/2005	4/6/2010	Twitter, Inc.	Apparatus and method for detecting base register usage conflicts in computer code
11/055844	7752354	2/11/2005	7/6/2010	Twitter, Inc.	Auxiliary mechanism to manage instruction restart and restart coming in a lookahead processor
11/058011	7707561	2/15/2005	4/27/2010	Twitter, Inc.	Apparatus, system, and method for converting data
11/060190	7696832	2/17/2005	4/13/2010	Twitter, Inc.	System and method for dynamically updating web page displays
11/060359	7676357	2/17/2005	3/9/2010	Twitter, Inc.	Enhanced Chinese character/Pin Yin/English translator
11/064717	7668807	2/24/2005	2/23/2010	Twitter, Inc.	Query reordering for high-availability database systems

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11/064724	7673874	2/24/2005	3/9/2010	Twitter, Inc.	Peer-to-peer instant messaging and chat system
11/067861	7707158	2/28/2005	4/27/2010	Twitter, Inc.	Method and computer program product for enabling dynamic and adaptive business processes through an ontological data model
11/068262	7657536	2/28/2005	2/2/2010	Twitter, Inc.	Application of resource-dependent policies to managed resources in a distributed computing system
11/070592	7681193	3/2/2005	3/16/2010	Twitter, Inc.	Method and apparatus for providing alternative installation structures for deployment of software applications
11/081208	7711876	3/23/2005	5/4/2010	Twitter, Inc.	Dynamic category compression in a data storage library
11/080407	7689890	3/25/2005	3/30/2010	Twitter, Inc.	Method, system and program for managing executable tasks
11/096365	7705409	4/1/2005	4/21/2010	Twitter, Inc.	System and method for parsing, filtering, and computing the checksum in a host Ethernet adapter (HEA)
11/104047	7703144	4/12/2005	4/20/2010	Twitter, Inc.	Method, apparatus, and program to post process applications: encrypting sensitive objects that are logged
11/118969	7672956	4/29/2005	3/2/2010	Twitter, Inc.	Method and system for providing a search index for an electronic messaging system based on message threads
11/120993	7693740	5/3/2005	4/6/2010	Twitter, Inc.	Dynamic selection of complementary inbound marketing offers
11/121596	7653894	5/4/2005	1/26/2010	Twitter, Inc.	Method and apparatus for classifying and modeling operating system image for data center management
11/123304	7743373	5/6/2005	7/6/2010	Twitter, Inc.	Method and apparatus for managing software catalog and providing configuration for installation
11/123678	7752486	5/5/2005	5/4/2010	Twitter, Inc.	Recovery from failures in a computing environment
11/130040	7709662	5/16/2005	5/4/2010	Twitter, Inc.	Master-key based drill and practice algorithm
11/130738	7743286	5/17/2005	6/22/2010	Twitter, Inc.	Method, system and program product for analyzing demographical factors of a computer system to address error conditions
11/134651	7693843	5/19/2005	4/6/2010	Twitter, Inc.	Masking object data based on user authorization
11/134733	7680800	5/20/2005	3/16/2010	Twitter, Inc.	Algorithm to marshal/unmarshal XML schema annotations to SDO dataobjects
11/138832	7734615	5/25/2005	6/6/2010	Twitter, Inc.	Performance data for query optimization of database partitions
11/140266	7734619	5/27/2005	6/6/2010	Twitter, Inc.	Method of presenting lineage diagrams representing query plans
11/142090	7725727	6/1/2005	5/25/2010	Twitter, Inc.	Automatic signature generation for content recognition
11/146630	7685107	6/7/2005	3/23/2010	Twitter, Inc.	Apparatus, system, and method for scanning a partitioned data set
11/146630	7730057	6/6/2005	6/1/2010	Twitter, Inc.	Computer data systems implemented using a virtual solution architecture
11/149421	7676539	6/9/2005	3/9/2010	Twitter, Inc.	Methods, apparatus and computer programs for automated problem solving in a distributed, collaborative environment
11/156504	7752825	6/17/2005	7/6/2010	Twitter, Inc.	Caching resources requested by applications
11/158821	7730525	6/22/2005	6/1/2010	Twitter, Inc.	Method, system, and computer program product for limiting authorization of an executable action to an application session
11/158856	7702780	6/22/2005	4/20/2010	Twitter, Inc.	Monitoring method, system, and computer program based on severity and persistence of problems
11/160216	7701874	6/14/2005	4/20/2010	Twitter, Inc.	Intelligent sensor network
11/160465	7713865	6/24/2005	5/11/2010	Twitter, Inc.	Preventing damage to metal using clustered processing and at least partially sacrificial encapsulation
11/163909	7703201	10/25/2005	4/27/2010	Twitter, Inc.	Method of embedding laminae proof layers and discrete components into printed circuit board stack-up
11/164423	7709344	11/22/2005	5/4/2010	Twitter, Inc.	Integrated circuit fabrication process using gas cluster ion beam etching
11/170586	7707569	6/29/2005	4/21/2010	Twitter, Inc.	Method and apparatus for customizing model to code transformations
11/181408	7743379	7/14/2005	8/22/2010	Twitter, Inc.	Variable resource sets
11/183058	7701173	7/15/2005	4/21/2010	Twitter, Inc.	Selection of web services by service providers
11/189522	7676478	7/26/2005	3/9/2010	Twitter, Inc.	Self-discovering adaptive security system and method
11/189972	7684349	7/26/2005	3/23/2010	Twitter, Inc.	Method and system for transparently controlling the behavior of service methods in a service oriented architecture
11/192865	7694082	7/29/2005	4/6/2010	Twitter, Inc.	Method and computer program product for predicting sales from online public discussions
11/195270	7712032	8/2/2005	5/4/2010	Twitter, Inc.	Computer program and method for managing resources in a distributed storage system
11/199610	7757229	8/9/2005	7/13/2010	Twitter, Inc.	Range condition matching system and user interface thereof
11/202888	7676758	8/12/2005	3/6/2010	Twitter, Inc.	Relictive XML-based framework for the construction of common application launchers
11/203603	7689592	8/11/2005	3/30/2010	Twitter, Inc.	Method and apparatus for searching data
11/205563	7757217	8/17/2005	7/13/2010	Twitter, Inc.	Method, system and program product for determining objective function coefficients of a mathematical programming model
11/211004	7664755	8/24/2005	2/16/2010	Twitter, Inc.	Debugging an application process at runtime
11/211342	7688658	8/25/2005	3/30/2010	Twitter, Inc.	User prompt for loading sound in a computer resource
11/212436	7698591	8/26/2005	4/13/2010	Twitter, Inc.	Method for remotely connecting to a secure telephone network
11/213651	7688214	8/26/2005	3/23/2010	Twitter, Inc.	Method and apparatus for ensuring data integrity in redundant mass storage systems
11/219205	7684969	9/2/2005	3/23/2010	Twitter, Inc.	Order-preserving encoding formats of floating point decimal numbers for efficient value comparison
11/219441	7668636	9/2/2005	2/23/2010	Twitter, Inc.	Forming statistical model of independently variable parameters for timing analysis
11/221141	7716294	9/7/2005	5/11/2010	Twitter, Inc.	IMS SOAP gateway deployment utility
11/221861	7661139	9/8/2005	2/9/2010	Twitter, Inc.	Method, system, and computer program product for providing an instant messaging interface with dynamically generated message buttons
11/222525	7734833	9/8/2005	6/6/2010	Twitter, Inc.	System and method for detecting invalid access to computer network
11/225738	7757015	9/13/2005	7/13/2010	Twitter, Inc.	Method for scheduling operations called by a task on a real-time or non-real time processor
11/232835	7747945	9/22/2005	6/29/2010	Twitter, Inc.	Device, method and computer program product, readable medium for determining the identity of a component
11/237497	7716573	9/28/2005	5/11/2010	Twitter, Inc.	Data validation rules for record documents
11/244921	7676359	10/6/2005	3/9/2010	Twitter, Inc.	Method and system for broadly sharing XML-based models
11/246792	7752213	10/7/2005	7/6/2010	Twitter, Inc.	System and method for synchronizing languages and data elements
11/249531	7693873	10/13/2005	4/6/2010	Twitter, Inc.	System and method for protecting sensitive data
					System, method and program to synchronize files in distributed computer system

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11/249931	7661111	10/13/2005	2/8/2010	Twitter, Inc.	Method for assuring event record integrity
11/250673	7735006	10/14/2005	6/9/2010	Twitter, Inc.	Method and system for defining page size when displaying a data list
11/252901	7661064	10/17/2005	2/9/2010	Twitter, Inc.	Visualization of collaborative profile sequences
11/252902	7720087	10/20/2005	5/18/2010	Twitter, Inc.	Method and system for chain management in a voice response system
11/259611	7720823	10/21/2005	5/19/2010	Twitter, Inc.	System and method for enabling records management
11/257880	7657585	10/25/2005	2/2/2010	Twitter, Inc.	Automated process for identifying and delivering domain specific unstructured content for advanced business analysis
11/259659	7694275	10/26/2005	4/6/2010	Twitter, Inc.	System and method for controlling the scope of script library code
11/262419	7720951	10/28/2005	5/18/2010	Twitter, Inc.	Method, system, and product for alleviating router congestion
11/264406	7657636	11/1/2005	2/2/2010	Twitter, Inc.	Workflow decision management with intermediate message validation
11/266118	7743020	11/3/2005	6/22/2010	Twitter, Inc.	Automatic instance data mapping generation
11/268621	7739388	11/2/2005	6/15/2010	Twitter, Inc.	Extending markup of a browser using a plug-in framework
11/268613	7702615	11/4/2005	4/20/2010	Twitter, Inc.	Creation and aggregation of predicted data
11/268688	7668857	11/7/2005	2/23/2010	Twitter, Inc.	Meta-data tags used to describe data behaviors
11/270784	7685138	11/8/2005	3/23/2010	Twitter, Inc.	Virtual cursors for XML joins
11/271687	7739592	11/10/2005	6/15/2010	Twitter, Inc.	Delivery, organization, and management of data capture elements
11/277355	7650352	3/23/2006	1/19/2010	Twitter, Inc.	System and method for increasing availability of an index
11/278107	7689553	3/30/2006	3/30/2010	Twitter, Inc.	Execution cost reduction of sampled queries in a database
11/278130	7694102	3/30/2006	4/6/2010	Twitter, Inc.	Systems and methods for self-tuning memory
11/278523	7752274	4/3/2006	7/6/2010	Twitter, Inc.	Apparatus and method for filtering and selectively inspecting e-mail
11/279051	7676492	4/7/2006	3/9/2010	Twitter, Inc.	Migration of database using serialized objects
11/279184	7743018	4/10/2006	6/22/2010	Twitter, Inc.	Transient storage in distributed collaborative computing environments
11/279454	7685151	4/12/2006	3/23/2010	Twitter, Inc.	Coordinated employee records with version history and transition ownership
11/289075	7660702	11/29/2005	2/9/2010	Twitter, Inc.	Monitor for an information technology system
11/290494	7725459	12/1/2005	5/25/2010	Twitter, Inc.	Method and apparatus for manipulating data within a remote database in a multiple tier environment
11/291441	7668805	12/1/2005	2/23/2010	Twitter, Inc.	Method, system and computer program for providing web pages based on client state
11/291575	7752315	12/1/2005	7/6/2010	Twitter, Inc.	Method for extending the use of SIP (session initiated protocol) for providing debug services
11/292842	7660955	12/1/2005	2/9/2010	Twitter, Inc.	Node polling in consistency group formation
11/296729	7730035	12/7/2005	6/1/2010	Twitter, Inc.	Method, system and program product for managing a file system that includes an archive
11/297067	7725818	12/8/2005	5/25/2010	Twitter, Inc.	Parallel composition of electronic responses to electronic requests
11/297301	7685098	12/8/2005	3/23/2010	Twitter, Inc.	Estimating the size of a join by generating and combining partial join estimates
11/302547	7725817	12/13/2005	5/25/2010	Twitter, Inc.	Generating a parser and parsing a document
11/303192	7739675	12/16/2005	6/15/2010	Twitter, Inc.	Dynamically computing a degradation analysis of waiting threads in a virtual machine
11/308014	7711707	12/14/2005	5/4/2010	Twitter, Inc.	Method for synchronizing and updating bookmarks on multiple computer devices
11/306085	7660962	12/15/2005	2/9/2010	Twitter, Inc.	Use of memory compression algorithm to assess efficiency of memory usage
11/308678	7723201	1/9/2006	5/25/2010	Twitter, Inc.	Structure and method for making on-chip capacitors with various capacitances
11/312894	7725446	12/19/2005	5/25/2010	Twitter, Inc.	Commitment of transactions in a distributed system
11/319513	7698594	12/22/2005	4/13/2010	Twitter, Inc.	Attachment of a QFN to a PCB
11/320220	7770161	12/28/2005	6/30/2010	Twitter, Inc.	Post-register allocation profile directed instruction scheduling
11/324303	7694147	1/3/2006	4/6/2010	Twitter, Inc.	Hashing method and system
11/330211	7685152	1/10/2006	3/23/2010	Twitter, Inc.	Method and apparatus for loading data from a spreadsheet to a relational database table
11/330692	7752250	1/12/2006	7/6/2010	Twitter, Inc.	Roundoff floating point division results
11/333519	7657936	1/17/2006	2/2/2010	Twitter, Inc.	Method for preventing time of check to time of use exploits
11/334228	7725325	1/18/2006	5/25/2010	Twitter, Inc.	System, computer program product and method of correlating safety solutions with business climate
11/334670	7743153	1/18/2006	6/22/2010	Twitter, Inc.	Killing login-based sessions with a single action
11/337144	7725574	1/23/2006	5/25/2010	Twitter, Inc.	Web browser-based programming language error determination and reporting
11/338197	7694239	1/23/2006	4/6/2010	Twitter, Inc.	Selection and deselection of objects at multiple levels of a hierarchy
11/340203	7689538	1/26/2006	3/30/2010	Twitter, Inc.	Autonomic recommendation and placement of materialized query tables for load distribution
11/342046	7657546	1/26/2006	2/2/2010	Twitter, Inc.	Knowledge management system, program product and method
11/340966	7675505	12/7/2006	3/9/2010	Twitter, Inc.	System, method and computer program product for shared user tailoring of websites
11/342187	7668810	1/27/2006	2/23/2010	Twitter, Inc.	Controlling consistency of data storage copies
11/342493	7661115	1/30/2006	2/9/2010	Twitter, Inc.	Method, apparatus and program storage device for preserving locked pages in memory when in user mode
11/343143	7657602	1/30/2006	2/2/2010	Twitter, Inc.	Preventing human error in instant messaging
11/343678	7698732	1/31/2006	4/13/2010	Twitter, Inc.	Method and apparatus for exchanging information between computer systems from different computer networks
11/343991	7747553	1/31/2006	6/29/2010	Twitter, Inc.	Rule set partitioning based packet classification method for internet
11/347995	7673185	2/6/2006	3/2/2010	Twitter, Inc.	Technique for mapping qbal violations to anomalies within a system
11/348884	7669028	2/7/2006	2/23/2010	Twitter, Inc.	Optimizing data bandwidth across a variable asynchronous clock domain
11/349409	7684347	2/7/2006	3/23/2010	Twitter, Inc.	Wiretapping VoIP calls
11/351022	7735069	2/9/2006	6/6/2010	Twitter, Inc.	Creating software debug breakpoints activated by specific call patterns
11/351801	7737502	2/10/2006	6/15/2010	Twitter, Inc.	Raised STI process for multiple gate ox and sidewall protection on strained Si/SGOI structure with elevated source/drain
11/355412	7716433	2/16/2006	5/11/2010	Twitter, Inc.	Dynamically determining and managing a set of target volumes for snapshot operation
11/358462	7707581	2/21/2006	4/27/2010	Twitter, Inc.	Method and system for managing server load to execute transactions of an application program on multiple servers

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11/058754	7661067	2/21/2006	2/9/2010	Twitter, Inc.	Method for providing quick responses in instant messaging conversations
11/264443	7729496	2/28/2006	6/1/2010	Twitter, Inc.	Efficient key updates in encrypted database systems
11/264650	7698597	2/28/2006	4/13/2010	Twitter, Inc.	Method of isolating erroneous software program components
11/264731	7678460	3/3/2006	3/6/2010	Twitter, Inc.	Techniques for providing suggestions for creating a search query
11/268293	7702625	3/3/2006	4/20/2010	Twitter, Inc.	Building a unified query that spans heterogeneous environments
11/272284	7685330	3/9/2006	3/23/2010	Twitter, Inc.	Method for efficient determination of memory copy versus registration in direct access environments
11/272516	7689576	3/10/2006	3/30/2010	Twitter, Inc.	Dilation of sub-flow operators in a data flow
11/273064	7739287	3/10/2006	6/15/2010	Twitter, Inc.	Classification and sequencing of mixed data flows
11/273685	7689582	3/10/2006	3/30/2010	Twitter, Inc.	Data flow system and method for heterogeneous data integration environments
11/276022	7747066	3/15/2006	6/29/2010	Twitter, Inc.	Z-axis optical detection of mechanical feature height
11/277413	7676464	3/17/2006	3/9/2010	Twitter, Inc.	Page-ranking via user expense and content relevance
11/279075	7689348	4/18/2006	3/30/2010	Twitter, Inc.	Intelligent redirection of vehicular traffic due to congestion and real-time performance metrics
11/279597	7659814	4/12/2006	2/9/2010	Twitter, Inc.	Method for distributed sound collection and event triggering
11/280525	7748607	4/27/2006	6/29/2010	Twitter, Inc.	Substrate triggering for ESD protection in SOI
11/280600	7756973	4/27/2006	7/13/2010	Twitter, Inc.	Identifying a configuration for an application in a production environment
11/281145	7660826	5/2/2006	2/9/2010	Twitter, Inc.	Implementing adaptive buffer management on network fetches of directory contents and object attributes
11/285547	7725514	3/21/2006	5/25/2010	Twitter, Inc.	Liquid and pale-based random number generator
11/290924	7723504	3/28/2006	5/25/2010	Twitter, Inc.	Method and apparatus for helping user form structured diagram from unstructured information source
11/299012	7707138	4/5/2006	4/27/2010	Twitter, Inc.	Identifying columns for row based operations
11/299232	7716653	4/6/2006	5/11/2010	Twitter, Inc.	Configurable importers and resource writers for converting data into another format
11/400004	7689529	4/6/2006	3/30/2010	Twitter, Inc.	System and method for application balanced scorecard optimizer
11/403442	7706903	4/13/2006	4/27/2010	Twitter, Inc.	Selective muting of applications
11/403663	7703071	4/13/2006	4/20/2010	Twitter, Inc.	Method for modeling business transformation
11/408190	7711723	4/20/2006	5/4/2010	Twitter, Inc.	System and method for managing web applications
11/419066	7702796	5/18/2006	4/20/2010	Twitter, Inc.	Recovering a pool of connections
11/420606	7757242	5/26/2006	7/13/2010	Twitter, Inc.	Apparatus, system, and method for asynchronous outbound transaction event processing into an SXP application using service oriented architecture
11/421279	7657401	5/31/2006	2/2/2010	Twitter, Inc.	Systems and methods for predicting load test resource requirements
11/421864	7752162	6/2/2006	7/6/2010	Twitter, Inc.	Analysis of OLAP data to determine user-relevant information
11/421998	7676589	6/5/2006	3/9/2010	Twitter, Inc.	Automatic generation of portals for visualizing data by exploiting object relationships
11/422214	7678498	6/5/2006	3/9/2010	Twitter, Inc.	Method and data processing system for managing user roles
11/422548	7739147	6/6/2006	6/15/2010	Twitter, Inc.	System and method for parallel identification based on the epoch of case-level lags
11/423173	7697862	6/9/2006	4/13/2010	Twitter, Inc.	Cellphone usage and mode detection and automatic speakerphone toggle
11/424053	7696857	6/14/2006	4/13/2010	Twitter, Inc.	Method and system for disabling an electronic device upon theft
11/425588	7691712	6/21/2006	4/6/2010	Twitter, Inc.	Semiconductor device structures incorporating voids and methods of fabricating such structures
11/426199	7711920	6/23/2006	5/4/2010	Twitter, Inc.	Method and system for dynamically managing storage of data objects generated during execution of a computer program
11/426288	7757128	6/23/2006	7/13/2010	Twitter, Inc.	Ignoring redundant symptoms in modular self-healing systems
11/426648	7734944	6/27/2006	6/8/2010	Twitter, Inc.	Mechanism for windaging of a double rate driver
11/426770	7703048	6/27/2006	4/20/2010	Twitter, Inc.	Managing flexible events within an electronic calendar
11/426961	7657421	6/28/2006	2/2/2010	Twitter, Inc.	System and method for identifying and defining adtons
11/427553	7685604	6/29/2006	3/23/2010	Twitter, Inc.	Business process execution language (BPEL) application generator for legacy interfaces
11/431995	7707345	5/11/2006	4/27/2010	Twitter, Inc.	Methods and apparatus for managing deadline in feedback control queuing system
11/435460	7739663	5/16/2006	6/15/2010	Twitter, Inc.	Method, system and program product for validating a runtime environment
11/437902	7751486	5/19/2006	7/6/2010	Twitter, Inc.	Systems and methods for transmitting data
11/440959	7739698	5/25/2006	6/15/2010	Twitter, Inc.	Multiplatform API usage tool
11/441625	7707017	5/26/2006	4/27/2010	Twitter, Inc.	System modeling facilitating method and apparatus
11/449126	7747653	6/8/2006	6/29/2010	Twitter, Inc.	Summarizing application performance in a large system from a components' perspective
11/457161	7684533	7/13/2006	3/23/2010	Twitter, Inc.	Phase lock loop jitter measurement
11/457510	7653848	7/14/2006	1/26/2010	Twitter, Inc.	Selectively engaging optional data reduction mechanisms for capturing trace data
11/459635	7755171	7/24/2006	7/13/2010	Twitter, Inc.	Tensor structure with recessed source/drain and buried etch stop layer and related method
11/459855	7743130	7/25/2006	6/22/2010	Twitter, Inc.	Exposing logic flows of web services and permitting logic flow modifications
11/460230	7680841	7/26/2006	3/16/2010	Twitter, Inc.	Determining whether data written to source storage locations according to a write order is copied to corresponding target storage locations in the write order
11/460262	7735098	7/27/2006	6/8/2010	Twitter, Inc.	Conversion of plant text to XML
11/460560	7752501	7/27/2006	6/8/2010	Twitter, Inc.	Dynamic generation and implementation of globalization verification testing for user interface controls
11/460621	7748000	7/27/2006	6/29/2010	Twitter, Inc.	Filtering a list of available install items for an install program based on a consumer's install policy
11/460665	7734879	7/27/2006	6/8/2010	Twitter, Inc.	Efficiently boosting priority of read-copy update readers in a real-time data processing system
11/460471	7650555	7/27/2006	1/19/2010	Twitter, Inc.	Method and apparatus for characterizing components of a device under test using on-chip trace logic analyzer
11/460642	7734704	7/28/2006	6/8/2010	Twitter, Inc.	Method and system for identifying and automatically redisplaying unread instant messages
11/461787	7694028	8/2/2006	4/6/2010	Twitter, Inc.	Detecting misbehavior in a storage area network
11/462259	7657227	8/3/2006	2/2/2010	Twitter, Inc.	Method and system for dynamic display connectivity based on configuration information via RFID tag
11/462392	7739903	8/4/2006	6/8/2010	Twitter, Inc.	Text transcriptions for voice communications

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11/462148	7757119	8/7/2006	7/13/2010	Twitter, Inc.	Inherited transactions in asynchronous messaging
11/462871	7698627	8/7/2006	4/13/2010	Twitter, Inc.	Method, program, and device for analyzing document structure
11/463089	7731089	8/8/2006	6/6/2010	Twitter, Inc.	Interactive physical mail content management
11/463395	7752503	8/9/2006	7/6/2010	Twitter, Inc.	Method and apparatus for testing software
11/464122	7756695	8/11/2006	7/13/2010	Twitter, Inc.	Accelerated simulation and verification of a system under test (SUT) using cache and replacement management tables
11/466045	7752638	8/21/2006	7/6/2010	Twitter, Inc.	Apparatus, system, and method for a programming model for accessing EIS systems as services
11/467946	7694310	8/29/2006	4/6/2010	Twitter, Inc.	Method for implementing WPI-2 one sided communication
11/468141	7730266	8/29/2006	6/11/2010	Twitter, Inc.	Load management to reduce communication signaling latency in a virtual machine environment
11/469640	7710884	9/1/2006	5/4/2010	Twitter, Inc.	Methods and system for dynamic reallocation of data processing resources for efficient processing of sensor data in a distributed network
11/473375	7716212	6/22/2006	5/11/2010	Twitter, Inc.	Query framework system and method
11/473388	7747564	6/22/2006	6/29/2010	Twitter, Inc.	Comparative analysis of business intelligence data
11/473596	7707040	6/23/2006	4/21/2010	Twitter, Inc.	Method of generating business intelligence incorporated business process activity forms
11/473691	7698629	6/23/2006	4/13/2010	Twitter, Inc.	Report layout reference processing
11/480006	7720804	6/30/2006	5/18/2010	Twitter, Inc.	Method of generating and maintaining a data warehouse
11/484971	7739296	7/12/2006	6/15/2010	Twitter, Inc.	System and method for virtualization of relational stored procedures in non-native relational database systems
11/500587	7752223	8/7/2006	7/6/2010	Twitter, Inc.	Methods and apparatus for views of input specialized references
11/501494	7701950	8/8/2006	4/20/2010	Twitter, Inc.	Heterogeneous, role based, enterprise priority manager
11/501495	7739396	8/8/2006	6/15/2010	Twitter, Inc.	System, method and program for field service of computers
11/503620	7676455	8/14/2006	3/9/2010	Twitter, Inc.	System and method for controlling database access
11/508019	7743422	8/21/2006	6/22/2010	Twitter, Inc.	System and method for validating a computer platform when booting from an external device
11/508642	7747629	8/23/2006	6/29/2010	Twitter, Inc.	System and method for positional representation of content for efficient indexing, search, retrieval, and compression
11/520928	7724784	9/13/2006	5/25/2010	Twitter, Inc.	System and method for classifying data streams using high-order models
11/531183	7685476	9/12/2006	3/23/2010	Twitter, Inc.	Early notification of error via software interrupt and shared memory write
11/531805	7720688	9/14/2006	5/18/2010	Twitter, Inc.	System and method for scheduling token arrival in a business process simulation
11/532495	7673176	9/15/2006	3/2/2010	Twitter, Inc.	Apparatus and method to locate a failed device in a data storage system
11/533377	7739340	9/20/2006	6/15/2010	Twitter, Inc.	Method, system and computer program product for enabling electronic chat with online calendar invites
11/533574	7747726	9/20/2006	6/29/2010	Twitter, Inc.	Method and apparatus for estimating a local performance index to measure the performance contribution of a single server in a multi-tiered environment
11/533608	7722446	10/17/2006	5/25/2010	Twitter, Inc.	System and device for thinning waters that have contact bumps
11/533651	7752542	9/20/2006	7/6/2010	Twitter, Inc.	Dynamic external entity resolution in an XML-based content management system
11/535601	7721156	9/27/2006	5/18/2010	Twitter, Inc.	Selective logging of computer activity
11/535740	7687894	9/27/2006	3/30/2010	Twitter, Inc.	IC chip package having automated tolerance compensation
11/536222	7680447	9/28/2006	3/16/2010	Twitter, Inc.	Method and apparatus for duplicating secure documents
11/537053	7675966	9/29/2006	3/9/2010	Twitter, Inc.	On-chip detection and measurement of data lock in a high-speed serial data link
11/538105	7706367	10/3/2006	4/21/2010	Twitter, Inc.	Integrated tunneling and network address translation performance improvement for an interception proxy server
11/538666	7769039	10/5/2006	7/14/2010	Twitter, Inc.	System configured for complex determination of a user's busy state and for assigning an organic “do not disturb” filter
11/548278	7702714	10/10/2006	4/20/2010	Twitter, Inc.	Ranking symmetry decomposition method for generalized covariance analysis
11/549623	7720931	10/13/2006	5/16/2010	Twitter, Inc.	System and method of remotely managing and loading artifacts
11/550580	7680782	10/18/2006	3/16/2010	Twitter, Inc.	Method to generate semantically valid queries in the XQuery language
11/550997	7746140	10/19/2006	6/29/2010	Twitter, Inc.	Scannable latch
11/553495	7669265	10/27/2006	2/6/2010	Twitter, Inc.	Network packet inspection and forwarding
11/555144	7657715	10/31/2006	2/2/2010	Twitter, Inc.	Dynamic operation mode transition of a storage subsystem
11/555088	7669192	10/31/2006	2/23/2010	Twitter, Inc.	Method for finding a violation of a coding rule in a program
11/555757	7657840	11/2/2006	2/2/2010	Twitter, Inc.	System and method for providing a navigable grid to allow for accessible drag-drop in visual modeling tools
11/555901	7687395	11/2/2006	3/30/2010	Twitter, Inc.	Contact aperture and contact via with stepped sidewall and methods for fabrication thereof
11/557219	7685139	11/7/2006	3/23/2010	Twitter, Inc.	Translating an order's stock keeping unit hierarchy to an order fulfillment structure
11/557546	7727059	11/8/2006	6/11/2010	Twitter, Inc.	Method and apparatus for acoustic noise reduction in a computer system having a vented floor including a pivotable vented base and a pivotable outer door
11/557567	7716596	11/8/2006	5/11/2010	Twitter, Inc.	Dynamic input field protection
11/558305	7669285	11/9/2006	4/13/2010	Twitter, Inc.	Compression of multidimensional datasets
11/558753	7660884	11/10/2006	2/9/2010	Twitter, Inc.	Apparatus, system, and method for generating a resource utilization description for a parallel data processing system
11/558863	7708031	11/13/2006	5/4/2010	Twitter, Inc.	Check valve
11/560885	7660723	11/17/2006	2/9/2010	Twitter, Inc.	Ranking method and system
11/561010	7689870	11/17/2006	3/30/2010	Twitter, Inc.	Efficient and flexible trace trigger handling for non-concurrent events
11/564011	7747562	11/28/2006	6/29/2010	Twitter, Inc.	Virtual multidimensional datasets for enterprise software systems
11/564975	7715883	11/30/2006	5/11/2010	Twitter, Inc.	Detecting hazardous conditions in underground environments
11/566684	7703053	12/5/2006	4/20/2010	Twitter, Inc.	Regional pattern density determination method and system
11/567914	7742422	12/7/2006	6/22/2010	Twitter, Inc.	Distributed message routing in a virtualized messaging system using recursive least squares link cost estimation with choke points

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11/603992	774713	12/12/2006	6/29/2010	Twitter, Inc.	Real time analytics that accounts for shifts
11/609435	7751909	12/12/2006	7/6/2010	Twitter, Inc.	Trend groups and running profiles in real time analytics
11/611815	7716263	12/15/2006	5/11/2010	Twitter, Inc.	Scalable method and system for providing real time indications of currently open documents
11/612861	7680554	12/19/2006	3/16/2010	Twitter, Inc.	Method for associating objects in a manufacturing process
11/613944	7716210	12/20/2006	5/11/2010	Twitter, Inc.	Method and apparatus for XML query evaluation using early-outs and multiple passes
11/614080	7661018	12/21/2006	2/9/2010	Twitter, Inc.	Method, apparatus and program storage device for providing automatic recovery from premature report of a system during a concurrent upgrade
11/614757	7709338	12/21/2006	5/4/2010	Twitter, Inc.	BiCMOS devices with a self-aligned emitter and methods of fabricating such BiCMOS devices
11/614771	7689888	12/21/2006	3/30/2010	Twitter, Inc.	Multiple-application transaction monitoring facility for debugging and performance tuning
11/616267	7724659	12/26/2006	5/25/2010	Twitter, Inc.	Network-based autodiscovery system for MAC forwarding dispatcher
11/616810	7657792	12/28/2006	2/2/2010	Twitter, Inc.	Identifying race conditions involving asynchronous memory updates
11/617090	7661031	12/28/2006	2/9/2010	Twitter, Inc.	Correlating macro and error data for debugging program error event
11/618297	7734854	1/3/2007	6/8/2010	Twitter, Inc.	Method, computer, program product, and system for providing a multi-tiered snapshot of virtual disks
11/619402	7744461	1/3/2007	6/29/2010	Twitter, Inc.	Customer preference elicitation based on a web-enabled betting game
11/619441	7720802	1/3/2007	5/18/2010	Twitter, Inc.	Reclaiming resident buffers when a reclaim threshold has been exceeded by swapping the oldest in use buffer and a new buffer, and referencing the new buffer via an updated set of read and write pointers
11/619918	7650633	1/4/2007	1/19/2010	Twitter, Inc.	Automated organizational role modeling for role based access controls
11/620343	7680893	1/5/2007	3/16/2010	Twitter, Inc.	Method for implementing electronic mail dictionary transporter
11/621665	7720990	1/10/2007	5/18/2010	Twitter, Inc.	Method and apparatus for handling service requests in a data processing system
11/621766	7735573	1/10/2007	6/15/2010	Twitter, Inc.	Voltage identifier sorting
11/622636	7725549	1/12/2007	5/25/2010	Twitter, Inc.	System and method for routing out mail recipients in order to obtain a response
11/625392	7668248	1/22/2007	4/13/2010	Twitter, Inc.	System and method for predicting hardware and/or software metrics in a computer system using models
11/625984	7666774	1/23/2007	2/23/2010	Twitter, Inc.	CMOS structure including dual metal containing composite gates
11/627626	7752229	1/26/2007	7/6/2010	Twitter, Inc.	Real-time identification of sub-assemblies containing nested parts
11/627661	7696770	1/26/2007	4/13/2010	Twitter, Inc.	Self-centering nest for electronics testing
11/627795	7701058	1/26/2007	4/20/2010	Twitter, Inc.	Undoped polysilicon metal scribe wiring
11/630039	7702801	12/7/2006	4/20/2010	Twitter, Inc.	Recommending solutions with an expert system
11/636915	7675252	1/31/2007	3/9/2010	Twitter, Inc.	Back EMF reduction in a storage drive using pulse width modulation in a closed loop motor control system
11/670044	7742255	2/1/2007	6/22/2010	Twitter, Inc.	Apparatus, system, and method for controlling recording head substrate bias voltage
11/670512	7657651	2/2/2007	2/2/2010	Twitter, Inc.	Resource-efficient media streaming to heterogeneous clients
11/670577	7653618	2/2/2007	1/26/2010	Twitter, Inc.	Method and system for searching and retrieving reusable assets
11/670718	7721003	2/2/2007	5/18/2010	Twitter, Inc.	System and method to synchronize OSGB bundle inventories between an OSGB bundle server and a client
11/672340	7716230	2/7/2007	5/11/2010	Twitter, Inc.	Multi-dimensional serial containment process
11/675696	7734452	2/16/2007	6/8/2010	Twitter, Inc.	Method and system for performing memory verification
11/680542	7756655	2/18/2007	7/13/2010	Twitter, Inc.	Observation apparatus, observation method and program
11/681820	7711900	3/5/2007	5/4/2010	Twitter, Inc.	Method, system and program product for equitable sharing of a CAM table in a network switch in an on-demand environment
11/683075	7714326	3/7/2007	5/11/2010	Twitter, Inc.	Electrical antitune with integrated sensor
11/683117	7660978	3/7/2007	2/9/2010	Twitter, Inc.	System and method to provide device unique diagnostic support with a single generic command
11/683527	7657664	3/8/2007	2/2/2010	Twitter, Inc.	Method and system for tracking device driver requests
11/687044	7729710	3/16/2007	6/1/2010	Twitter, Inc.	Method and apparatus for filtering short message system spam
11/690490	7711777	3/23/2007	5/4/2010	Twitter, Inc.	Method and system for managing a remote control session
11/691192	7721136	3/27/2007	5/18/2010	Twitter, Inc.	Method, apparatus, and computer program product for managing data in a browser-based application
11/693223	7752287	3/29/2007	7/6/2010	Twitter, Inc.	Methods, systems, and computer program products for automatically generating best practices for configuring a networked system
11/693471	7702620	3/29/2007	4/20/2010	Twitter, Inc.	System and method for ranked keyword search snippets
11/694207	7746226	3/30/2007	6/29/2010	Twitter, Inc.	System and method for providing dynamic presence information as collected by a mobile device
11/695048	7725776	4/1/2007	5/25/2010	Twitter, Inc.	Enhanced failure data collection system apparatus and method
11/696382	7680787	4/4/2007	3/16/2010	Twitter, Inc.	Database query generation method and system
11/697018	7752111	4/5/2007	7/13/2010	Twitter, Inc.	Method and system for ensuring data integrity in anticipation of a disaster
11/697377	7680780	4/6/2007	3/16/2010	Twitter, Inc.	Techniques for processing data from a multilingual database
11/733218	7680246	4/10/2007	2/9/2010	Twitter, Inc.	Method and apparatus for scaling input bandwidth for bandwidth allocation technology
11/733325	7701970	4/10/2007	4/20/2010	Twitter, Inc.	Protocol negotiation for a group communication system
11/733326	7738477	4/10/2007	6/15/2010	Twitter, Inc.	Multiple page size address translation incorporating page size prediction
11/733808	7752208	4/11/2007	7/6/2010	Twitter, Inc.	Method and system for detection of authors
11/736377	7752117	4/17/2007	7/13/2010	Twitter, Inc.	Method and apparatus for testing of enterprise systems
11/737209	7752421	4/19/2007	7/6/2010	Twitter, Inc.	Parallel-prefix broadcast for a parallel-prefix operation on a parallel computer
11/737309	7725857	4/19/2007	5/25/2010	Twitter, Inc.	Method for optimizing quantization floor layout and operations
11/738504	7667618	4/22/2007	2/23/2010	Twitter, Inc.	System and method for tracking and billing vehicle users based on when and in which road lanes their vehicles have been driven
11/738622	7685280	4/23/2007	3/29/2010	Twitter, Inc.	Formulating requests for multiple destinations using a mass request
11/738666	7709910	4/23/2007	5/4/2010	Twitter, Inc.	Semiconductor structure for low parasitic gate capacitance
11/739722	7758654	4/25/2007	7/13/2010	Twitter, Inc.	Minimization of calculation, retrieval in a multidimensional database

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11/740457	7716213	4/26/2007	5/11/2010	Twitter, Inc.	Apparatus, system, and method for efficiently supporting generic SQL data manipulation statements
11/740315	7734961	5/12/2007	6/6/2010	Twitter, Inc.	Distributed logging apparatus, system and method
11/744392	7661050	5/4/2007	2/6/2010	Twitter, Inc.	Method and system for formal verification of partial good self test fencing structures
11/748632	7661255	5/15/2007	2/23/2010	Twitter, Inc.	Deep trench inter-well isolation structure
11/748781	7751017	5/15/2007	7/13/2010	Twitter, Inc.	Adjusting direction of data flow between I/O bridges and I/O hubs based on real time traffic levels
11/748854	7702544	5/15/2007	4/20/2010	Twitter, Inc.	Method for assisting selection of a build ahead configuration for use in supplying an ordered product
11/751004	7653799	5/19/2007	1/26/2010	Twitter, Inc.	Method and apparatus for managing memory for dynamic promotion of virtual memory page sizes
11/751257	7694192	5/21/2007	4/6/2010	Twitter, Inc.	Assisted problem remediation
11/752401	7756860	5/23/2007	7/13/2010	Twitter, Inc.	Advanced handling of multiple form fields based on recent behavior
11/755456	7739388	5/30/2007	6/15/2010	Twitter, Inc.	Method and system for managing data center power usage based on service commitments
11/756356	7702411	5/31/2007	4/20/2010	Twitter, Inc.	Integration of job shop scheduling with discrete event simulation for manufacturing facilities
11/759365	7676822	6/7/2007	3/6/2010	Twitter, Inc.	System and method for improved bus communication
11/759778	7679855	6/7/2007	3/16/2010	Twitter, Inc.	Write transducer and system implementing same
11/760018	7747857	6/8/2007	6/26/2010	Twitter, Inc.	Mapping hierarchical data from a query result into a tabular format with jagged rows
11/761495	7732924	6/12/2007	6/6/2010	Twitter, Inc.	Semiconductor wiring structures including dielectric cap within metal cap layer
11/761811	7756157	6/12/2007	7/13/2010	Twitter, Inc.	Provisioning bandwidth for a digital media stream
11/764823	7734723	6/19/2007	6/6/2010	Twitter, Inc.	Deferred handling of a message
11/767580	7671444	6/25/2007	3/2/2010	Twitter, Inc.	Empty vials for electrophoretic use re-programming
11/767633	7687210	6/25/2007	3/30/2010	Twitter, Inc.	Space tolerance with stitching
11/768834	7685345	6/27/2007	3/23/2010	Twitter, Inc.	Apparatus and method for fairness arbitration for a shared pipeline in a large SMP computer system
11/769166	7701257	6/27/2007	4/21/2010	Twitter, Inc.	System and method for transforming a thread of email messages into a real-time meeting
11/769204	7720874	6/27/2007	5/16/2010	Twitter, Inc.	Dynamic allocation of space for a fixed length part of a variable length field in a database table
11/769613	7721155	6/27/2007	5/16/2010	Twitter, Inc.	I/O failure detection, correction, and masking
11/769947	7704365	6/28/2007	4/27/2010	Twitter, Inc.	Meta printing process
11/770049	7750507	6/28/2007	7/6/2010	Twitter, Inc.	Single coil pair, multiple axis inductive power coupling apparatus and method
11/770160	7689695	6/28/2007	3/30/2010	Twitter, Inc.	System and method for distributed utility optimization in a messaging infrastructure
11/770790	7711958	6/29/2007	5/4/2010	Twitter, Inc.	Method and system for encoding signatures to authenticate files
11/772302	7752307	7/2/2007	7/6/2010	Twitter, Inc.	Technique of analyzing an information system state
11/773278	7673204	7/5/2007	3/2/2010	Twitter, Inc.	Method using non-linear compression to generate a set of test vectors for use in scan testing an integrated circuit
11/775558	7701013	7/19/2007	4/20/2010	Twitter, Inc.	Nanoelectromechanical transistors and methods of forming same
11/777681	7698601	7/13/2007	4/13/2010	Twitter, Inc.	Method and computer program product for determining a minimally degraded configuration when failures occur along connections
11/779383	7747906	7/18/2007	6/29/2010	Twitter, Inc.	System and method for creating different start clothe and bus states using multiple test patterns for processor design verification and validation
11/782249	7679536	7/24/2007	3/16/2010	Twitter, Inc.	Method and apparatus for constructing efficient steppan-wolf codes with mismatched decoding
11/828728	7752580	7/26/2007	7/6/2010	Twitter, Inc.	Method and system for analyzing an integrated circuit based on sample windows selected using an open deterministic sequencing technique
11/828740	7700466	7/26/2007	4/20/2010	Twitter, Inc.	Tunneling effect transistor with self-aligned gate
11/830255	7725850	7/30/2007	5/25/2010	Twitter, Inc.	Methods for design rule checking with abstracted via obstructions
11/831992	7739243	8/1/2007	6/15/2010	Twitter, Inc.	System and method for dynamically configuring a multiprocessor computing environment
11/833463	7694268	8/3/2007	4/6/2010	Twitter, Inc.	Method for optimization of optical proximity correction
11/833719	7725439	8/3/2007	5/25/2010	Twitter, Inc.	Handling column renaming as part of schema evolution in a data archiving tool
11/838005	7716306	8/13/2007	5/11/2010	Twitter, Inc.	Consistent data storage subsystem configuration replication
11/838972	7712003	8/15/2007	5/4/2010	Twitter, Inc.	Methodology and system to set JTAG interface
11/839648	7721171	8/16/2007	5/18/2010	Twitter, Inc.	Scheme to optimize scan chain ordering in designs
11/839724	7750335	8/16/2007	7/6/2010	Twitter, Inc.	Phase change material structure and related method
11/839738	7669988	8/16/2007	2/23/2010	Twitter, Inc.	Reducing likelihood of data loss during failovers in high-availability systems
11/840592	7752485	8/17/2007	7/6/2010	Twitter, Inc.	Method and system for virtual removal of physical field replaceable units
11/840850	7673686	8/17/2007	3/2/2010	Twitter, Inc.	Retrieving log attention data using an attention connection path selected from a group of attention connection paths associated with a host
11/841125	7735031	8/20/2007	6/6/2010	Twitter, Inc.	Method and apparatus for self identification of circuitry
11/842409	7734948	8/21/2007	6/6/2010	Twitter, Inc.	Recovery of a redundant node controller in a computer system
11/843615	7702857	8/22/2007	4/20/2010	Twitter, Inc.	Adjusting parameters used to pre-fetch data from storage into cache
11/845170	7718987	8/27/2007	5/18/2010	Twitter, Inc.	CMOS storage devices configurable in high performance mode or radiation tolerant mode
11/845479	7669852	8/27/2007	2/23/2010	Twitter, Inc.	Apparatus, system, and method for controlling a processing system
11/846776	7688797	8/29/2007	3/30/2010	Twitter, Inc.	Method for automatically configuring additional component to a storage subsystem
11/846577	7681169	8/29/2007	3/16/2010	Twitter, Inc.	Process for managing complex pre-wired net segments in a VLSI design
11/847584	7668883	8/30/2007	2/23/2010	Twitter, Inc.	Numerical test data reporting in an image file and subsequent analysis
11/847586	7739071	8/30/2007	6/15/2010	Twitter, Inc.	System validation using validation programs depicted using markup language
11/847716	7737450	8/30/2007	6/15/2010	Twitter, Inc.	Optimization of electronic package geometry for thermal dissipation
11/847966	7716197	8/30/2007	5/11/2010	Twitter, Inc.	XCAP and SIP filter chain state transforms via dynamic helper functions for internet multimedia subsystems
11/848847	7685168	8/31/2007	3/23/2010	Twitter, Inc.	Removing web application tickets using AJAX and page templates
11/848868	7725448	8/31/2007	5/25/2010	Twitter, Inc.	Method and system for disjunctive single index access

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11/850170	7659171	9/5/2007	2/9/2010	Twitter, Inc.	Methods and structure for forming self-aligned bondless contacts for strain engineered logic devices
11/851330	7660683	9/11/2007	2/23/2010	Twitter, Inc.	System and method for re-shuffling test case instruction orders for processor design verification and validation
11/851389	7752499	9/11/2007	7/6/2010	Twitter, Inc.	System and method for using resource pools and instruction pools for processor design verification and validation
11/853235	7676719	9/11/2007	3/9/2010	Twitter, Inc.	Logic block timing estimation using compactize
11/853545	7698265	9/11/2007	4/13/2010	Twitter, Inc.	Finding anomalous values for logical fields with temporal autocorrelation conditions
11/853878	7702783	9/12/2007	4/29/2010	Twitter, Inc.	Intelligent performance monitoring of a clustered environment
11/854329	7743274	9/12/2007	6/22/2010	Twitter, Inc.	Administering correlated error logs in a computer system
11/854687	7752505	9/13/2007	7/6/2010	Twitter, Inc.	Method and apparatus for detection of data errors in tag arrays
11/856598	7730162	9/17/2007	6/1/2010	Twitter, Inc.	Interfacing objects and markup language messages
11/857770	7728371	9/19/2007	6/1/2010	Twitter, Inc.	SOI CMOS compatible multilayer capacitor
11/857770	7735046	9/27/2007	6/6/2010	Twitter, Inc.	E-use and method
11/864002	7698246	9/28/2007	4/13/2010	Twitter, Inc.	System and method for optimal and adaptive process unification of decision support functions associated with managing a robotic event
11/866603	7756938	10/3/2007	7/13/2010	Twitter, Inc.	Eliminating redundancy of attachments in email responses
11/866787	7716646	10/3/2007	5/11/2010	Twitter, Inc.	System and method for improved LBIST power and fuel time
11/867268	7745855	10/4/2007	6/29/2010	Twitter, Inc.	Single crystal fuse on air in bulk silicon
11/867959	7697228	10/4/2007	4/13/2010	Twitter, Inc.	Apparatus, system, and method for interchange testing
11/867877	7755926	10/5/2007	7/13/2010	Twitter, Inc.	3-D SRAM array to improve stability and performance
11/868222	7709828	10/8/2007	5/4/2010	Twitter, Inc.	Electromigration fuse and method of fabricating same
11/869271	7749622	10/9/2007	7/6/2010	Twitter, Inc.	Method of forming a resistor and an FET from the metal portion of a MOSFET metal gate stack
11/869823	7752592	10/10/2007	7/6/2010	Twitter, Inc.	Scheduler design to optimize system performance using configurable acceleration engines
11/870007	7713792	10/10/2007	5/11/2010	Twitter, Inc.	Fuse structure including monocrystalline semiconductor material layer and gap
11/870284	7707212	10/10/2007	4/27/2010	Twitter, Inc.	Method and system for propagating annotations using pattern matching
11/871291	7730370	10/12/2007	6/1/2010	Twitter, Inc.	Apparatus and method for disk read checking
11/872183	7752585	10/15/2007	7/6/2010	Twitter, Inc.	Method, apparatus, and computer program product for static NDR detection
11/872213	7733109	10/15/2007	6/6/2010	Twitter, Inc.	Test structure for resistive open detection using voltage contrast inspection and related methods
11/873328	7671394	10/17/2007	3/2/2010	Twitter, Inc.	Embedded trench capacitor having a high-k node dielectric and a metallic inner electrode
11/874282	7702972	10/18/2007	4/20/2010	Twitter, Inc.	Method and apparatus for SRAM macro sparing in computer chips
11/875837	7702410	10/21/2007	4/20/2010	Twitter, Inc.	Generation of schedule by which physical items to be manufactured are assigned into production slots via reducing non-zero factors within coefficient matrix clusters
11/876824	7693940	10/23/2007	4/6/2010	Twitter, Inc.	Method and system for conversation detection in email systems
11/877078	7743096	10/29/2007	6/22/2010	Twitter, Inc.	Meeting invitation processing in a calendaring system
11/829875	7668024	10/30/2007	2/23/2010	Twitter, Inc.	Hybrid static and dynamic sensing for memory arrays
11/830601	7741181	11/6/2007	6/22/2010	Twitter, Inc.	Methods of forming mixed gate CMOS with single poly deposition
11/836978	7702735	11/8/2007	4/20/2010	Twitter, Inc.	Method and system for controlling delivery of information in a forum
11/838751	7686484	11/14/2007	3/23/2010	Twitter, Inc.	Methods for the support of JTAG for source synchronous interfaces
11/842340	7752300	11/19/2007	7/6/2010	Twitter, Inc.	Automatically determining management information base modules for a device
11/842775	7667965	11/20/2007	2/23/2010	Twitter, Inc.	Acoustically absorptive anti-recirculation panel for one or more electronics racks of a data center
11/846102	7747803	11/28/2007	6/29/2010	Twitter, Inc.	Device, system, and method of handling delayed transactions
11/847184	7755208	11/29/2007	7/13/2010	Twitter, Inc.	Pad structure to provide improved stress relief
11/847299	7660111	11/29/2007	2/9/2010	Twitter, Inc.	Removable cooling duct with interlocking dovetail connections for an air tight thermal seal
11/848806	7743062	11/30/2007	6/22/2010	Twitter, Inc.	Apparatus for selecting documents in response to a plurality of inquiries by a plurality of clients by estimating the relevance of documents
11/850572	7687338	12/5/2007	3/30/2010	Twitter, Inc.	Method of reducing embedded StGe loss in semiconductor device manufacturing
11/851431	7721176	12/6/2007	5/18/2010	Twitter, Inc.	Method, system, and computer program product for integrated circuit recovery testing using simulation checkpoints
11/853363	7704804	12/10/2007	4/21/2010	Twitter, Inc.	Method of forming a crack stop laser fuse with fixed passivation layer coverage
11/854791	7672188	12/12/2007	3/2/2010	Twitter, Inc.	System for blocking multiple memory read port activation
11/856405	7653499	12/14/2007	1/26/2010	Twitter, Inc.	Method and system for automated energy usage monitoring within a data center
11/860179	7667043	12/19/2007	2/8/2010	Twitter, Inc.	Method and system for enterprise memory management of memory modules
11/862861	7679459	12/21/2007	3/16/2010	Twitter, Inc.	Multiphase signal generator
11/863346	7730005	12/28/2007	6/1/2010	Twitter, Inc.	Issue tracking system using a criteria rating matrix and workflow notification
11/866432	7679217	12/28/2007	3/16/2010	Twitter, Inc.	Apparatus, system, and method for a high efficiency redundant power system
11/868184	7742254	1/3/2008	6/22/2010	Twitter, Inc.	Servo channel for tape drive systems
11/869351	7685925	1/4/2008	3/23/2010	Twitter, Inc.	Synchronous bus controller system
11/869475	7734854	1/4/2008	6/6/2010	Twitter, Inc.	Device, system, and method of handling transactions
12/013190	7710322	1/11/2008	4/20/2010	Twitter, Inc.	Wireless display panel having light status indicators
12/015043	7686619	1/17/2008	3/30/2010	Twitter, Inc.	Apparatus, system, and method for a configurable blade card
12/019748	7705640	1/25/2008	4/21/2010	Twitter, Inc.	Common-mode feedback method using a current starved replica biasing
12/028676	7649710	2/8/2008	1/18/2010	Twitter, Inc.	Moving magnet actuation of tape head
12/031997	7657347	2/15/2008	2/2/2010	Twitter, Inc.	Temperature-based monitoring method and system for determining first and second fluid flow rates through a heat exchanger

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12036905	7724466	2/25/2008	5/25/2010	Twitter, Inc.	Method and system for servo stripe width detection and compensation
12040410	7684143	2/26/2008	3/23/2010	Twitter, Inc.	Determining angular position of a tape reel using timing based servo format
12040419	7684141	2/29/2008	3/23/2010	Twitter, Inc.	Determining a reel motor angle using an estimated interval to degrees translation factor
12040531	7684143	2/29/2008	3/23/2010	Twitter, Inc.	Apparatus, system, and method for limiting frame spacing error during timing-based servo pattern fabrication
12050371	7725340	3/18/2008	5/25/2010	Twitter, Inc.	Ranking-based method for evaluating customer prediction models
12053148	7756925	3/21/2008	7/13/2010	Twitter, Inc.	Methods and apparatus for efficiently placing stream transforms among broker machines comprising an overlay network in a publish-subscribe messaging system
12053946	7741188	3/24/2008	6/22/2010	Twitter, Inc.	Deep trench (DT) metal-insulator-metal (MIM) capacitor
12055595	7757141	3/26/2008	7/13/2010	Twitter, Inc.	Automatically extensible addressing for shared array built-in self-test (ABIST) circuitry
12056627	7716992	3/27/2008	5/18/2010	Twitter, Inc.	Sensor, method and design structure for a low-v deamination sensor
12057431	7696888	3/28/2008	4/13/2010	Twitter, Inc.	Method for automating an internationalization test in a multilingual web application
12058924	7749915	3/31/2008	7/6/2010	Twitter, Inc.	Protection of polymer surfaces during micro-fabrication
12059275	7750648	3/31/2008	7/6/2010	Twitter, Inc.	Method for quickly estimate inductance for timing models
12061492	7708581	4/2/2008	5/4/2010	Twitter, Inc.	Replacement clip and method for repairing a modular cable connector having a broken locking clip
12068764	7668035	4/7/2008	2/23/2010	Twitter, Inc.	Memory circuits with reduced leakage power and design structures for same
12101738	7692959	4/22/2008	4/6/2010	Twitter, Inc.	Multilayer storage class memory using externally heated phase change material
12108158	7743199	4/23/2008	6/22/2010	Twitter, Inc.	Method and apparatus for obtaining trace information of multiple processors on an SoC using a segmented trace ring bus to enable a flexible trace output configuration
12108548	7668003	4/24/2008	2/23/2010	Twitter, Inc.	Dynamic random access memory circuit, design structure and method
12115944	7687877	5/6/2008	3/30/2010	Twitter, Inc.	Interconnect structure with a mushroom-shaped oxide capping layer and method for fabricating same
12128772	7750414	5/29/2008	7/6/2010	Twitter, Inc.	Structure and method for reducing threshold voltage variation
12130265	7721164	5/30/2008	5/18/2010	Twitter, Inc.	Method and apparatus for improved storage area network link integrity testing
12132862	7684194	6/4/2008	3/23/2010	Twitter, Inc.	Systems and methods for cooling an electronic device
12133547	7715197	6/5/2008	5/11/2010	Twitter, Inc.	Cooled-sheet metal heatinks for closely packaged heat-producing devices such as dual in-line memory modules (DIMMs)
12165904	7710144	7/1/2008	5/4/2010	Twitter, Inc.	Controlling for variable impedance and voltage in a memory system
12166227	7717752	7/1/2008	5/18/2010	Twitter, Inc.	278-nm buffered memory module with enhanced memory system interconnect and features
12167769	7734628	7/3/2008	6/6/2010	Twitter, Inc.	Method and apparatus for displaying and interacting with hierarchical information and time varying rule priority
12173974	7671591	7/16/2008	3/2/2010	Twitter, Inc.	Method and system for comparing micro-electronic devices using magnetic resonance imaging
12177195	7733655	7/22/2008	6/6/2010	Twitter, Inc.	Lid edge capping lead
12182118	7752155	7/29/2008	7/6/2010	Twitter, Inc.	System and computer program for compressing multi-field classification rules
12184146	7685352	7/31/2008	3/23/2010	Twitter, Inc.	System and method for loose ordering write completion for PCI express
12191530	7733640	8/14/2008	6/6/2010	Twitter, Inc.	Drive conversion enclosure
12196560	7690108	8/22/2008	4/6/2010	Twitter, Inc.	Self-compensating connector support method and apparatus
12209450	7733061	8/12/2008	6/6/2010	Twitter, Inc.	Fast-approximate F1/F0
12240478	7731146	9/29/2008	6/6/2010	Twitter, Inc.	Dual swivel in-line load node lock mechanism
12265287	7689905	11/5/2008	3/30/2010	Twitter, Inc.	Containment of terminal application run-time data for viewing when disconnected from a host server
12265829	7719444	11/6/2008	5/18/2010	Twitter, Inc.	Modulation coding
12266207	7681182	11/6/2008	3/16/2010	Twitter, Inc.	Including function call graphs (FCGs) generated from trace analysis data within a searchable problem determination knowledge base
12266772	7712075	12/30/2008	5/4/2010	Twitter, Inc.	Visualization of stereotype element instances within a unified modeling language model
12284394	7653787	12/31/2008	1/26/2010	Twitter, Inc.	Optimizing a marketing phase in mark-sweep garbage collectors by reducing paging activity
12356434	7653826	1/20/2009	1/26/2010	Twitter, Inc.	Method and apparatus for query optimization and management of sleepy drives
12359731	7682913	1/26/2009	3/23/2010	Twitter, Inc.	Process for making a MOSFET
12361219	7721279	1/28/2009	5/18/2010	Twitter, Inc.	Packaging information integration applications
12361639	7715215	1/29/2009	5/11/2010	Twitter, Inc.	Control of an AC-to-DC power supply assembly fed by a three-phase AC source
12361764	7732288	2/9/2009	6/6/2010	Twitter, Inc.	Method for fabricating a semiconductor structure
12407431	7685565	3/19/2009	3/23/2010	Twitter, Inc.	Run-time reconfiguration of computer instructions
12407755	7685586	3/19/2009	3/23/2010	Twitter, Inc.	Global escape analysis using instantiated type analysis
12413395	7683902	3/27/2009	3/23/2010	Twitter, Inc.	Method to visualize performance data of a multi-layered state diagram
12423694	7689977	4/15/2009	3/30/2010	Twitter, Inc.	Open multi-processing reduction implementation in cell broadband engine (CBE) single source compiler
12448818	7667923	7/7/2009	2/23/2010	Twitter, Inc.	Hard drive data platter impairment tool
09/560,106	6742023	4/28/2000	5/25/2004	Moon Glow, Series 82 of Allied Security Trust I	Use-sensitive distribution of data files between users
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10/102,037	7206647	3/21/2002	4/11/2007	Twitter, Inc.	E-APPLANCE FOR MOBILE ONLINE RETAILING
10/332,194	7170999	8/28/2002	1/30/2007	Moon Glow, Series 82 of Allied Security Trust I	METHOD OF AND APPARATUS FOR ENCRYPTING AND TRANSMITTING FILES
11/080,599	7666222	3/14/2005	6/21/2011	Moon Glow, Series 82 of Allied Security Trust I	SYSTEM AND METHOD FOR AUTOMATICALLY UPLOADING ANALYSIS DATA FOR CUSTOMER SUPPORT
11/081,055	8270732	3/14/2005	2/23/2016	Moon Glow, Series 82 of Allied Security Trust I	System and method for automatically updating updates
11/445,080	7730718	5/31/2006	6/1/2010	Moon Glow, Series 82 of Allied Security Trust I	System and method for searching peer-to-peer computer networks
11/448,970	8494902	8/31/2007	7/23/2013	Twitter, Inc.	SYSTEM AND METHOD OF SELECTING ADVERTISING CONTENT
12/008,433	8626611	1/11/2008	1/7/2014	Twitter, Inc.	METHOD AND APPARATUS FOR AUGMENTED REALITY SHOPPING ASSISTANT

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12/20/2012	8396090	12/20/2008	12/16/2012	Moat Glow, Series 82 of Allied Security Trust I	SYSTEM AND METHOD FOR UNLIMITED LICENSING TO A FIXED NUMBER OF DEVICES
12/17/051	8099316	7/9/2008	1/17/2012	Red Rock, Series 58 of Allied Security Trust I	MOBILE DEVICE MARKETING AND ADVERTISING PLATFORMS, METHODS, AND SYSTEMS
12/17/268	8401099	7/22/2008	3/19/2012	Twitter, Inc.	DEVICE INDEPENDENT MESSAGE DISTRIBUTION PLATFORM
12/26/3470	8160916	1/30/2009	4/17/2012	Red Rock, Series 58 of Allied Security Trust I	MOBILE DEVICE MARKETING AND ADVERTISING PLATFORMS, METHODS, AND SYSTEMS
12/26/3500	8352907	1/30/2009	1/6/2012	Red Rock, Series 58 of Allied Security Trust I	MOBILE DEVICE MARKETING AND ADVERTISING PLATFORMS, METHODS, AND SYSTEMS
12/26/3523	8099317	1/30/2009	1/17/2012	Red Rock, Series 58 of Allied Security Trust I	MOBILE DEVICE MARKETING AND ADVERTISING PLATFORMS, METHODS, AND SYSTEMS
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12/26/3561	8239242	1/30/2009	8/7/2012	Red Rock, Series 58 of Allied Security Trust I	METHOD AND APPARATUS FOR AUTHENTICATION FOR A MULTIPLICITY OF SERVICES
12/26/7603	8230356	7/3/2009	7/24/2012	Twitterdeck, Inc.	SYSTEM AND METHOD FOR MANAGING AND DISPLAYING DATA MESSAGES
12/26/574	8448084	4/8/2010	5/21/2013	Twitter, Inc.	USER INTERFACE MECHANICS
12/27/1983	8317355	4/30/2010	4/9/2013	Red Rock, Series 58 of Allied Security Trust I	MOBILE DEVICE MARKETING AND ADVERTISING PLATFORMS, METHODS, AND SYSTEMS
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12/28/8741	8355806	10/6/2010	5/31/2016	Twitter, Inc.	Prioritizing Messages Within a Message Network
13/01/998	10691513	2/2/2011	6/23/2020	Twitter, Inc.	DISTRIBUTED MESSAGE QUEUE WITH BEST CONSUMER DISCOVERY AND AREA PREFERENCE
13/16/5302	9292374	6/21/2011	3/22/2016	Moat Glow, Series 82 of Allied Security Trust I	SYSTEM AND METHOD FOR AUTOMATICALLY UPLOADING ANALYSIS DATA FOR CUSTOMER SUPPORT
13/21/4594	8612529	8/22/2011	12/17/2013	Twitter, Inc.	Method and System for Suggesting Messages and Accounts from a Real-Time Messaging Platform
13/25/0263	8645186	1/13/2012	2/4/2014	Red Rock, Series 58 of Allied Security Trust I	MOBILE DEVICE MARKETING AND ADVERTISING PLATFORMS, METHODS, AND SYSTEMS
13/43/217	8682895	3/28/2012	3/25/2014	Twitter, Inc.	Content Resonance
13/45/874	8606846	4/27/2012	8/12/2014	Twitter, Inc.	Detecting Malware in Mobile Sites
13/45/982	8806647	4/27/2012	8/12/2014	Twitter, Inc.	Behavioral Scanning of Mobile Applications
13/52/5758	8656288	6/18/2012	2/16/2014	Twitterdeck, Inc.	SYSTEM AND METHOD FOR MANAGING AND DISPLAYING DATA MESSAGES
13/53/323	9043397	10/2/2012	5/26/2015	Twitter, Inc.	Suggestions from a Messaging Platform
13/55/873	9536223	10/24/2012	1/3/2017	Twitter, Inc.	GATHERING, SELECTING AND GRAPHING NETWORKS
13/71/521	10133439	12/11/2012	11/20/2018	Twitter, Inc.	USER INTERFACE BASED ON VIEWABLE AREA OF A DISPLAY
13/73/6334	9142468	1/8/2013	9/22/2015	Twitter, Inc.	IDENTIFYING RELEVANT MESSAGES IN A CONVERSATION GRAPH
13/74/4929	9088532	1/8/2013	7/21/2015	Twitter, Inc.	DEVICE INDEPENDENT MESSAGE DISTRIBUTION PLATFORM
13/74/497	9813260	1/18/2013	11/7/2017	Twitter, Inc.	In-Message Applications in a Messaging Platform
13/75/372	11310324	2/4/2013	4/19/2022	Twitter, Inc.	System and Method for Determining Relevance of Social Content
13/76/337	8953329	2/1/2013	2/10/2015	Twitter, Inc.	Server Class Brackets
13/77/955	9449050	2/19/2013	9/20/2016	Twitter, Inc.	IDENTIFYING RELEVANT MESSAGES IN A CONVERSATION GRAPH
13/77/979	9405453	2/19/2013	8/2/2016	Twitter, Inc.	USER INTERFACE MECHANICS
13/78/245	9636461	3/5/2013	12/5/2016	Twitter, Inc.	SEARCH RELEVANCE USING MESSAGES OF A MESSAGING PLATFORM
13/832335	9104843	3/15/2013	8/11/2016	Moat Glow, Series 82 of Allied Security Trust I	PROVIDING CONTENT ITEMS FROM ALTERNATE SOURCES
13/832372	9338210	3/15/2013	5/10/2016	Moat Glow, Series 82 of Allied Security Trust I	DISTRIBUTING CONTENT ITEMS TO USERS
13/843578	9377832	3/15/2013	6/28/2016	Twitter, Inc.	Data Center in a Rack
13/869735	8762200	5/17/2013	6/24/2014	Twitter, Inc.	SYSTEM AND METHOD OF SELECTING ADVERTISING CONTENT
13/843585	10572102	7/16/2013	2/25/2020	Twitter, Inc.	USER INTERFACE BASED ON VIEWABLE AREA OF A DISPLAY
13/843412	10489012	7/16/2013	11/26/2019	Twitter, Inc.	USER INTERFACE BASED ON VIEWABLE AREA OF A DISPLAY
13/843433	9865136	7/16/2013	5/8/2018	Twitter, Inc.	USER INTERFACE BASED ON VIEWABLE AREA OF A DISPLAY
13/875515	9298812	8/26/2013	3/29/2016	Twitter, Inc.	Content Resonance
14/02/447	9418117	9/6/2013	8/16/2016	Twitter, Inc.	DISPLAYING RELEVANT MESSAGES OF A CONVERSATION GRAPH
14/02/499	11086905	9/11/2013	8/1/2021	Twitter, Inc.	METHOD AND SYSTEM FOR PRESENTING STORIES
14/051280	8313452	10/11/2013	4/12/2018	Twitter, Inc.	Method and System for Suggesting Messages and Accounts from a Real-Time Messaging Platform
14/051865	9169835	10/11/2013	10/20/2015	Twitter, Inc.	SYSTEM AND METHOD FOR MANAGING AND DISPLAYING DATA MESSAGES
14/056107	9003086	10/17/2013	4/7/2015	Twitter, Inc.	Dynamic Distribution of Replicated Data
14/067061	10263924	10/30/2013	4/16/2019	Twitter, Inc.	Message Selection and Presentation in a Real-Time Messaging Platform
14/078239	9509643	11/12/2013	11/29/2016	Twitter, Inc.	Network-Based Content Discovery in a Messaging Platform
14/080706	11085952	11/14/2013	8/10/2021	Twitter, Inc.	DISTRIBUTION OF AUDIO RECORDING FOR SOCIAL NETWORKS
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14/176084	9344387	2/8/2014	5/17/2016	Twitter, Inc.	ANALYSIS OF CONTENT SHARING IN A MESSAGING PLATFORM
14/181543	9483528	2/14/2014	11/17/2016	Twitter, Inc.	Selection and Presentation of Unviewed Messages
14/187056	9676848	2/14/2014	1/23/2018	Twitter, Inc.	Television Key Phrase Detection
14/182834	9555841	2/27/2014	12/4/2017	Twitter, Inc.	Interactive Content in a Messaging Platform
14/201435	10592089	3/7/2014	3/17/2020	Twitter, Inc.	CAPTURING, SHARING, AND DISPLAY OF A PERSONAL VIDEO VIGNETTE
14/207261	9565245	3/12/2014	2/7/2017	Twitter, Inc.	Prioritizing Time-Based Content Through Social Networking Systems
14/209317	9424172	3/13/2014	8/23/2016	Twitter, Inc.	Web Services Comparison Tool
14/210832	9542300	3/14/2014	1/10/2017	Twitter, Inc.	System and Method for Tracking Callback Functions for Error Identification
14/210865	9417947	3/14/2014	8/16/2016	Twitter, Inc.	System and Method for Robust Storage of Error Event Information
14/212725	9680390	3/14/2014	6/13/2017	Twitter, Inc.	Multi-Source Power Supply
14/212980	9426620	3/14/2014	8/23/2016	Twitter, Inc.	DYNAMIC GEOHASH-BASED GEO-ENCING
14/213311	9710483	3/14/2014	7/18/2017	Twitter, Inc.	DENSITY-BASED DYNAMIC GEOHASH
14/213367	9319359	3/14/2014	4/19/2016	Twitter, Inc.	Promoting Content in a Real-Time Messaging Platform
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14/214 466	1060080	3/14/2014	3/24/2019	Twitter, Inc.	OVERSPEND CONTROL IN A MESSAGING PLATFORM
14/214 489	10769861	3/14/2014	8/6/2020	Twitter, Inc.	REAL TIME MESSAGING PLATFORM
14/214 495	11216841	3/14/2014	1/4/2022	Twitter, Inc.	REAL TIME MESSAGING PLATFORM
14/214 498	10963922	3/14/2014	3/30/2021	Twitter, Inc.	CAMPAIN GOAL SETTING IN A MESSAGING PLATFORM
14/214 523	9111227	3/14/2014	8/25/2015	Twitter, Inc.	TEMPORAL FEATURES IN A MESSAGING PLATFORM
14/214 617	10366113	3/14/2014	7/30/2019	Twitter, Inc.	METHOD AND SYSTEM FOR GENERATING A GEOCODE TRIE AND FACILITATING REVERSE GEOCODE LOOKUPS
14/217 318	9424359	3/17/2014	8/23/2016	Twitter, Inc.	TYPEAHEAD USING MESSAGES OF A MESSAGING PLATFORM
14/217 333	10666998	3/17/2014	6/16/2020	Twitter, Inc.	MUSIC DISCOVERY USING MESSAGES OF A MESSAGING PLATFORM
14/253 478	9747451	4/15/2014	8/29/2017	Twitter, Inc.	FILE SYSTEM MODIFICATION
14/257 214		4/21/2014		Twitter, Inc.	LOCATION-BASED MESSAGE SELECTION FROM A MESSAGING PLATFORM
14/266 742	10771572	4/30/2014	9/6/2020	Twitter, Inc.	Method and System for Implementing Circle of Trust in a Social Network
14/267 077	9553922	5/1/2014	1/24/2017	Twitter, Inc.	Media Event Based Social Networking Interfaces
14/277 040	9871606	5/13/2014	1/6/2018	Twitter, Inc.	Identification of Concurrently Broadcast Time-Based Media
14/297 830	9565957	6/6/2014	2/7/2017	Twitter, Inc.	System and Method for Utilizing a Font Data Container to Store a Device Identifier
14/307 409	9992470	6/17/2014	6/5/2018	Twitter, Inc.	USER INTERFACE FOR A VIDEO CAPTURE DEVICE
14/329 721	9198321	7/1/2014	11/24/2015	Twitter, Inc.	Server Classis Bracket
14/329 771	10592539	7/1/2014	3/17/2020	Twitter, Inc.	Trends in a Messaging Platform
14/329 782	10601749	7/11/2014	3/24/2020	Twitter, Inc.	Trends in a Messaging Platform
14/374 217	10282750	7/23/2014	5/7/2019	Twitter, Inc.	APPARATUS AND METHOD FOR SYNCHRONISING ADVERTISEMENTS
14/432 350	10878042	2/17/2015	12/29/2020	Twitter, Inc.	Search Infrastructure
14/445 806	9894096	7/29/2014	2/13/2018	Twitter, Inc.	Behavioral Scanning of Mobile Applications
14/445 814	9356946	7/29/2014	5/31/2016	Twitter, Inc.	Detecting Malware in Mobile Sites
14/447 266	10503374	7/30/2014	12/10/2019	Twitter, Inc.	PROVIDING CONTENT FOR BROADCAST BY A MESSAGING PLATFORM
14/488 787	9858130	9/26/2014	1/2/2018	Twitter, Inc.	Method and System for Distributed Processing in a Messaging Platform
14/499 079	10551995	9/26/2014	2/4/2020	Twitter, Inc.	OVERLAY USER INTERFACE
14/499 083	10282451	9/26/2014	5/7/2018	Twitter, Inc.	CONTEXT AWARE APPLICATION MANAGER
14/507 826	10049472	10/6/2014	8/14/2018	Twitter, Inc.	User Content Presentation Based on Strength of Relationship
14/535 235	10979249	11/6/2014	4/13/2021	Twitter, Inc.	Event-based Content Presentation Using A Social Media Platform
14/561 984	10152731	12/5/2014	12/11/2018	Twitter, Inc.	Scalable Native In-Stream Advertising for Mobile Applications and Websites
14/562 012	10275804	12/5/2014	4/30/2019	Twitter, Inc.	Ad Placement in Mobile Applications and Websites
14/575 476	10235333	12/16/2014	3/19/2019	Twitter, Inc.	Managing Consistency Models in a Distributed Database
14/575 669	10148608	12/16/2014	12/4/2018	Twitter, Inc.	Multi-Tiered Anti-Spamming Systems and Methods
14/612 848	9529979	2/3/2015	12/21/2016	Moon Glow Series 82 of Allied Security Trust I	PROVIDING CONTENT ITEMS FROM ALTERNATE SOURCES
14/612 812	9624804	2/3/2015	4/18/2017	Twitter, Inc.	System and Methods for Multi-Tenancy Management within a Distributed Database
14/612 998	9687941	2/3/2015	2/6/2018	Twitter, Inc.	In-Message Applications in a Messaging Platform
14/621 203	9896575	2/12/2015	6/12/2016	Twitter, Inc.	Automated Social Message Stream Population
14/637 212	9342250	3/3/2015	5/17/2016	Twitter, Inc.	Dynamic Distribution of Replicated Data
14/669 287	9632765	3/26/2015	4/25/2017	Twitter, Inc.	Customized Application Package with Context Specific Token
14/677 823	11375288	4/2/2015	6/26/2022	Twitter, Inc.	METHOD AND APPARATUS FOR CAPTURING AND BROADCASTING MEDIA
14/685 485	9852173	4/13/2015	12/28/2017	Twitter, Inc.	Systems and Methods for Using a Reaction-Based Approach to Managing Shared State Storage Associated with a Distributed Database
14/698 819	9699161	4/28/2015	7/4/2017	Twitter, Inc.	Authentication Mechanism
14/699 888	9654461	4/29/2015	5/16/2017	Twitter, Inc.	Inter-Application Delegated Authentication
14/699 922	9825987	4/29/2015	11/21/2017	Twitter, Inc.	Application Graph Builder
14/699 926	9869586	4/29/2015	1/9/2018	Twitter, Inc.	Facilitating Cross-Platform Content Access
14/727 806	10672040	6/1/2015	6/2/2020	Twitter, Inc.	PUBLISHER APPLICATION WITH AN ONLINE ADVERTISING IMPRESSION
14/738 057	9999965	6/12/2015	3/21/2017	Twitter, Inc.	Messaging Enabled Unmanned Aerial Vehicle
14/738 790	9577966	6/12/2015	2/21/2017	Twitter, Inc.	DEVICE INDEPENDENT MESSAGE DISTRIBUTION PLATFORM
14/754 558	9715901	6/29/2015	7/25/2017	Twitter, Inc.	VIDEO PREVIEW GENERATION
14/754 565	11284170	6/29/2015	3/22/2022	Twitter, Inc.	VIDEO PREVIEW MECHANISM
14/785 627	10063662	10/19/2015	8/26/2018	Twitter, Inc.	Method and System for Establishing a Trust Association
14/796 609	10552858	7/10/2015	2/4/2020	Twitter, Inc.	RECONCILIATION OF DISJOINT USER IDENTIFIER SPACES
14/801 033	9454771	7/16/2015	9/27/2016	Twitter, Inc.	Temporal Features in a Messaging Platform
14/819 775	9794112	8/6/2015	10/17/2017	Twitter, Inc.	Method and System for Balancing Storage Data Traffic in Converged Networks
14/820 489	10067752	8/6/2015	9/4/2018	Twitter, Inc.	APPLICATION INSTALL NOTIFICATION
14/824 015	1028218	8/11/2015	3/12/2019	Twitter, Inc.	IDENTIFYING RELEVANT MESSAGES IN A CONVERSATION GRAPH
14/835 493	10992497	8/25/2015	1/26/2021	Twitter, Inc.	Method and System for Processing Requests in a Messaging Platform
14/836 407	10108674	8/26/2015	10/23/2018	Twitter, Inc.	Method and System for Topic Disambiguation and Classification

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14/836,489	10229183	8/28/2015	3/12/2019	Twitter, Inc.	Determining Topic Interest and/or Topic Expertise and Generating Recommendations Based on Topic Interest and/or Expertise
14/836,562	10387504	8/28/2015	8/20/2019	Twitter, Inc.	Determining Whether a User in a Social Network is an Authority on a Topic
14/846,508	10642465	9/4/2015	5/5/2020	Twitter, Inc.	METHOD AND SYSTEM FOR MEDIA SELECTION AND SHARING
14/874,959	10057651	10/5/2015	8/21/2018	Twitter, Inc.	VIDEO CLIP CREATION USING SOCIAL MEDIA
14/886,875	9614808	10/19/2015	4/4/2017	Twitter, Inc.	SYSTEM AND METHOD FOR MANAGING AND DISPLAYING DATA MESSAGES
14/838,719	10785900	11/11/2015	10/6/2020	Twitter, Inc.	Real Time Analyses Using Common Features
15/009,709	10187447	11/28/2016	12/23/2019	Twitter, Inc.	Method and System for Online Conversion Attribution
15/019,959	10423985	2/9/2016	9/24/2019	Twitter, Inc.	Method and System for Identifying Users Across Mobile and Desktop Devices
15/045,154	9524321	2/18/2016	12/20/2018	Twitter, Inc.	Content Resonance
15/063,960	10579635	3/7/2016	3/3/2020	Twitter, Inc.	Real Time Search Assistance
15/067,011	10146515	3/10/2016	12/4/2018	Twitter, Inc.	Live Code Updates
15/067,015	10146522	3/10/2016	12/4/2018	Twitter, Inc.	Live Code Updates
15/069,983	10095547	3/14/2016	10/6/2018	Twitter, Inc.	Stream Processing at Scale
15/076,562	10455291	3/21/2016	10/22/2019	Twitter, Inc.	LIVE VIDEO STREAM SHARING
15/078,570	9881060	3/21/2016	13/0/2018	Twitter, Inc.	Method and System for Suggesting Messages and Accounts from a Real-Time Messaging Platform
15/077,847	10163133	3/22/2016	12/25/2018	Twitter, Inc.	Promoting Content in a Real-Time Messaging Platform
15/083,280	10721499	3/28/2016	7/21/2020	Twitter, Inc.	LIVE VIDEO STREAMING SERVICES
15/096,987	9851911	4/12/2016	12/26/2017	Twitter, Inc.	Dynamic Distribution of Replicated Data
15/098,455	11080755	4/14/2016	8/3/2021	Twitter, Inc.	Native Advertisements
15/144,570	10116611	5/2/2016	10/30/2018	Twitter, Inc.	Prioritizing Messages Within a Message Network
15/156,228	9860199	5/16/2016	1/2/2018	Twitter, Inc.	Analysis of Content Sharing in a Messaging Platform
15/158,326	10291707	5/18/2016	5/14/2019	Twitter, Inc.	SYSTEMS AND METHODS FOR BALANCING STORAGE RESOURCES IN A DISTRIBUTED DATABASE
15/174,853	10277893	6/6/2016	4/30/2019	Twitter, Inc.	Trend Detection in a Messaging Platform
15/178,381	10657556	6/9/2016	5/19/2020	Twitter, Inc.	Click-Through Prediction for Targeted Content
15/184,106	10146676	6/27/2016	12/4/2018	Twitter, Inc.	MULTI-VERSION REGRESSION TESTER FOR SOURCE CODE
15/197,995	11023120	6/29/2016	6/1/2021	Twitter, Inc.	USER INTERFACE MECHANICS
15/200,873	10250147	7/1/2016	4/2/2019	Twitter, Inc.	Trend Detection for Content Targeting Using an Information Distribution System
15/243,326	9886515	8/22/2016	2/6/2018	Twitter, Inc.	TYPE-HEAD USING MESSAGES OF A MESSAGING PLATFORM
15/244,588	8788161	8/23/2016	10/10/2017	Twitter, Inc.	DYNAMIC GEOHASH-BASED GEO-ENCING
15/244,548	10303391	8/23/2016	5/28/2019	Twitter, Inc.	Web Services Comparison Tool
15/247,358	10388321	8/25/2016	8/20/2019	Twitter, Inc.	LOOPING AUDIO VISUAL FILE GENERATION BASED ON AUDIO AND VIDEO ANALYSIS
15/250,753	10146512	8/29/2016	12/4/2018	Twitter, Inc.	Feature Switching Kits
15/259,824	9892431	9/8/2016	2/13/2018	Twitter, Inc.	TEMPORAL FEATURES IN A MESSAGING PLATFORM
15/269,441	10545966	9/19/2016	1/18/2020	Twitter, Inc.	IDENTIFYING RELEVANT MESSAGES IN A CONVERSATION GRAPH
15/284,317	10344692	10/3/2016	7/16/2018	Twitter, Inc.	GAPLESS VIDEO LOOPING
15/286,268	10897449	10/5/2016	1/19/2021	Twitter, Inc.	A SOCIAL MEDIA MESSAGING PLATFORM FOR CREATING AND SHARING MOMENTS
15/339,784	10241650	10/31/2016	3/26/2019	Twitter, Inc.	Selection and Presentation of Unviewed Messages
15/355,782	10219009	11/18/2016	2/26/2019	Twitter, Inc.	LIVE INTERACTIVE VIDEO STREAMING USING ONE OR MORE CAMERA DEVICES
15/362,373	9894029	11/28/2016	2/13/2018	Twitter, Inc.	NETWORK-BASED CONTENT DISCOVERY USING MESSAGES OF A MESSAGING PLATFORM
15/370,851	9749283	12/6/2016	8/29/2017	Twitter, Inc.	Interactive Content in a Messaging Platform
15/385,407	10146855	12/20/2016	12/4/2018	Twitter, Inc.	Content Resonance
15/385,499	10110550	12/20/2016	10/23/2018	Twitter, Inc.	DEVICE INDEPENDENT MESSAGE DISTRIBUTION PLATFORM
15/396,200		12/30/2016		Twitter, Inc.	Gathering, Selecting, and Grouping N-Grams
15/399,651	11443348	1/5/2017	9/13/2022	Twitter, Inc.	Conversational Targeted Content
15/401,684	10445214	1/9/2017	10/15/2018	Twitter, Inc.	System and Method for Tracking Callback Functions for Error Identification
15/414,357	10187666	1/24/2017	1/22/2019	Twitter, Inc.	LIVE VIDEO STREAMING SERVICES USING ONE OR MORE EXTERNAL DEVICES
15/421,672	10698401	2/1/2017	6/30/2020	Twitter, Inc.	Messaging Enabled Unmanned Aerial Vehicle
15/425,828	10728310	2/6/2017	7/28/2020	Twitter, Inc.	PROMOTING EMBEDDED CONTENT THROUGH SOCIAL NETWORKING SYSTEMS
15/449,469	10748172	3/3/2017	8/18/2020	Twitter, Inc.	INCREASING SOCIAL MEDIA PRESENCE USING MACHINE LEARNING RELEVANCE TECHNIQUES
15/451,990	10596566	3/6/2017	3/24/2020	Twitter, Inc.	INDEXING AND DATA STORAGE FOR REALTIME AND CONTEMPORANEOUS CONTENT SUGGESTIONS
15/477,496	10523626	4/3/2017	12/31/2019	Twitter, Inc.	SYSTEM AND METHOD FOR MANAGING AND DISPLAYING DATA MESSAGES
15/479,325	10432983	4/4/2017	10/1/2019	Twitter, Inc.	LIVE VIDEO CLASSIFICATION AND PREVIEW SELECTION
15/483,889	9888000	4/10/2017	2/6/2018	Twitter, Inc.	Inter-Application Delegated Authentication
15/489,461	10289703	4/17/2017	5/14/2019	Twitter, Inc.	System and Methods for Multi-Tenancy Management within a Distributed Database
15/490,274	10552977	4/18/2017	2/4/2020	Twitter, Inc.	FAST FACE MORPHING USING NEURAL NETWORKS
15/495,896	10216507	4/24/2017	2/26/2019	Twitter, Inc.	Customized Application Package with Context Specific Token
15/587,853	10862880	5/5/2017	12/8/2020	Twitter, Inc.	Authentication Security via Application-Specific Dynamic Token Generation
15/620,720	10224714	6/12/2017	3/5/2019	Twitter, Inc.	MULTI-SOURCE POWER SUPPLY
15/639,102	10581824	6/30/2017	3/8/2020	Twitter, Inc.	Authentication Mechanism
15/652,003		7/17/2017		Twitter, Inc.	DENSITY-BASED DYNAMIC GEOHASH
15/654,494	10567461	7/19/2017	2/18/2020	Twitter, Inc.	LOW-LATENCY HTTP LIVE STREAMING
15/655,302	10474717	7/20/2017	11/12/2019	Twitter, Inc.	LIVE VIDEO STREAMING SERVICES WITH MACHINE-LEARNING BASED HIGHLIGHT REPLAYS

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15/657,804	10205697	7/24/2017	2/12/2019	Twitter, Inc.	Interactive Content in a Messaging Platform
15/664,716	10672011	7/31/2017	6/2/2020	Twitter, Inc.	Online Serving Threshold and delivery policy adjustment
15/675,319		8/1/2017		Twitter, Inc.	DETECTING SCRIPTED OR OTHERWISE ANOMALOUS INTERACTIONS WITH SOCIAL MEDIA PLATFORM
15/675,671	10649794	8/1/2017	5/12/2020	Twitter, Inc.	Aggregate Features For Machine Learning
15/675,696	11132602	8/1/2017	9/26/2021	Twitter, Inc.	EFFICIENT ONLINE TRAINING FOR MACHINE LEARNING
15/676,984	10489284	8/14/2017	11/26/2019	Twitter, Inc.	Evaluation infrastructure For Testing Real-Time Content Search
15/688,601	10325096	8/28/2017	6/18/2018	Twitter, Inc.	MODIFYING A PORTION OF A READ-ONLY FILE SYSTEM
15/702,920	9998322	9/13/2017	6/12/2018	Twitter, Inc.	Method and System for Balancing Storage Data Traffic in Converged Networks
15/706,428	11024009	9/15/2017	6/1/2021	Twitter, Inc.	SUPER RESOLUTION USING A GENERATIVE ADVERSARIAL NETWORK
15/733,639		9/22/2020		Twitter, Inc.	METHOD OF NEWS EVALUATION IN SOCIAL MEDIA NETWORKS
15/788,570	11005683	10/19/2017	5/11/2021	Twitter, Inc.	APPLICATION GRAPH BUILDER
15/790,436	10810236	10/23/2017	10/20/2020	Twitter, Inc.	INDEXING DATA IN INFORMATION RETRIEVAL SYSTEMS
15/817,783	10891044	10/24/2017	1/12/2021	Twitter, Inc.	AUTOMATIC POSITIONING OF CONTENT ITEMS IN A SCROLLING DISPLAY FOR OPTIMAL VIEWING OF THE ITEMS
15/793,793	10841257	10/25/2017	11/17/2020	Twitter, Inc.	DETERMINING ENGAGEMENT SCORES FOR SUB-CATEGORIES IN A DIGITAL DOMAIN BY A COMPUTING SYSTEM
15/804,684	10623725	11/6/2017	4/14/2020	Twitter, Inc.	END-TO-END VIDEO AND IMAGE COMPRESSION
15/804,979	10454859	11/6/2017	10/22/2019	Twitter, Inc.	IN-MESSAGE APPLICATIONS IN A MESSAGING PLATFORM
15/809,489	10701394	11/10/2017	6/30/2020	Twitter, Inc.	REAL-TIME VIDEO SUPER-RESOLUTION WITH SPATIO-TEMPORAL NETWORKS AND MOTION COMPENSATION
15/809,836	10601644	11/10/2017	3/24/2020	Twitter, Inc.	DETECTING SOURCES OF COMPUTER NETWORK FAILURES
15/810,371	11102239	11/13/2017	8/24/2021	Twitter, Inc.	CLIENT DEVICE IDENTIFICATION ON A NETWORK
15/826,358	10547635	11/29/2017	1/28/2021	Twitter, Inc.	Facilitating Cross-Platform Content Access
15/832,151	10242003	12/5/2017	3/26/2019	Twitter, Inc.	SEARCH RELEVANCE USING MESSAGES OF A MESSAGING PLATFORM
15/836,775	11003720	12/8/2017	5/11/2021	Twitter, Inc.	RELEVANCE ORDERED MESSAGE SEARCH
15/853,384	10326829	12/22/2017	6/18/2019	Twitter, Inc.	Television Key Phrase Detection
15/854,282	10817501	12/26/2017	10/21/2020	Twitter, Inc.	Systems and Methods for Using a Reaction-Based Approach to Managing Shared State Storage Associated with a Distributed Database
15/855,489		12/27/2017		Twitter, Inc.	DIFFERENCE METRIC FOR MACHINE LEARNING-BASED PROCESSING SYSTEMS
15/857,198	10521484	12/28/2017	12/31/2019	Twitter, Inc.	TYPE-HEAD USING MESSAGES OF A MESSAGING PLATFORM
15/858,997	10354893	12/29/2017	2/4/2020	Twitter, Inc.	Analysis of Content Sharing in a Messaging Platform
15/859,220	10324776	12/29/2017	6/18/2019	Twitter, Inc.	Method and System for Distributed Processing in a Messaging Platform
15/859,281	10305851	12/29/2017	5/26/2019	Twitter, Inc.	NETWORK-BASED CONTENT DISCOVERY USING MESSAGES OF A MESSAGING PLATFORM
15/859,568		12/31/2017		Twitter, Inc.	TRANSCODING VIDEO
15/859,570	10921958	12/31/2017	2/16/2021	Summitre, Inc.	SYSTEM AND METHOD FOR ASSESSING CONTENT
15/869,628	10530509	1/12/2018	1/1/2020	Twitter, Inc.	Identification of Concurrently Broadcast Time-Based Media
15/876,806		1/22/2018		Twitter, Inc.	ACTIVE LEARNING SYSTEM
15/877,318	10747805	1/22/2018	8/16/2020	Twitter, Inc.	Content Carousel in a Social Media Timeline
15/882,917	10984006	1/29/2018	4/20/2021	Twitter, Inc.	SUGGESTING MESSAGES AND ACCOUNTS FROM A REAL-TIME MESSAGING PLATFORM (as amended)
15/889,073	10530774	2/5/2018	1/1/2020	Twitter, Inc.	Inter-Application Delegated Authentication
15/889,990	10439965	2/5/2018	10/6/2019	Twitter, Inc.	In-Message Applications in a Messaging Platform
15/894,550	10769677	2/12/2018	9/6/2020	Twitter, Inc.	TEMPORAL FEATURES IN A MESSAGING PLATFORM
15/894,838	10412115	2/12/2018	9/10/2019	Twitter, Inc.	BEHAVIORAL SCANNING OF MOBILE APPLICATIONS
15/921,419	10817334	3/14/2018	10/21/2020	Twitter, Inc.	REAL-TIME ANALYSIS OF DATA STREAMING OBJECTS FOR DISTRIBUTED STREAM PROCESSING
15/929,375	11416268	4/29/2020	8/16/2022	Twitter, Inc.	AGGREGATE FEATURES FOR MACHINE LEARNING
15/929,802		5/22/2020		Twitter, Inc.	DYNAMIC UPDATES FOR HIERARCHICAL NAVIGABLE SMALL WORLD GRAPHS
15/929,880		6/1/2020		Twitter, Inc.	APPLYING MACHINE LEARNING AND FAIRNESS FOR ONLINE SAFETY
15/933,361		3/22/2018		Twitter, Inc.	BAYESIAN OPTIMIZATION TECHNIQUES AND APPLICATIONS
15/947,668	10652302	4/6/2018	5/12/2020	Twitter, Inc.	FAST LOADING AND DISPLAY OF IMAGE PREVIEWS
15/952,984		4/13/2018		Twitter, Inc.	RECOMMENDATION SYSTEM AND METHOD FOR ESTIMATING THE ELEMENTS OF A MULTI-DIMENSIONAL TENSOR ON GEOMETRIC DOMAINS FROM PARTIAL OBSERVATIONS
15/972,473	10754492	5/7/2018	8/25/2020	Twitter, Inc.	USER INTERFACE BASED ON VIEWABLE AREA OF A DISPLAY
15/975,691		5/9/2018		Twitter, Inc.	USING NEURAL NETWORKS TO PROCESS SPARSE DATA
15/982,609		5/17/2018		Twitter, Inc.	METHOD AND SYSTEM FOR LEARNING ON GEOMETRIC DOMAINS USING LOCAL OPERATORS
15/985,367	10942780	5/21/2018	3/9/2021	Twitter, Inc.	RESOURCE USE AND OPERATIONAL LOAD OF PERFORMING COMPUTING AND STORAGE TASKS IN DISTRIBUTED SYSTEMS
15/985,580		5/21/2018		Twitter, Inc.	COLD-START ITEM RECOMMENDATIONS
16/298,799		3/11/2019		Twitter, Inc.	IDENTIFYING RELEVANT MESSAGES IN A CONVERSATION GRAPH
16/004,987	10565180	6/11/2018	2/18/2020	Twitter, Inc.	Automated Social Message Stream Population
16/021,189	11436113	6/28/2018	9/6/2022	Twitter, Inc.	Method and System for Maintaining Storage Device Failure Tolerance in a Composable Infrastructure
16/026,374	11398361	7/5/2018	4/19/2022	Twitter, Inc.	CHECKERBOARD ARTIFACT FREE SUB-PIXEL CONVOLUTION
16/034,243		7/12/2018		Twitter, Inc.	CLASSIFYING CONTENT ITEMS
16/047,255	10999028	7/27/2018	2/2/2021	Twitter, Inc.	MULTI-VERSION REGRESSION TESTER FOR SOURCE CODE

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16/101,748	10579432	8/13/2018	3/3/2020	Twitter, Inc.	LOAD BALANCING DETERMINISTICALLY-SUBSETTED PROCESSING RESOURCES USING FRACTIONAL LOADS
16/182,820	11037344	8/13/2018	6/15/2021	Twitter, Inc.	User Content Presentation Based on Strength of Relationship
16/115,532	10530899	8/28/2018	1/7/2020	Twitter, Inc.	Method and System for Establishing a Trust Association
16/120,099	11269940	8/31/2018	3/6/2022	Twitter, Inc.	RELATED CONTENT SEARCHING
16/120,138	10805236	8/31/2018	10/13/2020	Twitter, Inc.	Event Content Delivery
16/125,545	11410076	9/7/2018	8/9/2022	Twitter, Inc.	DECENTRALIZED MULTI-TASK MACHINE LEARNED PARAMETERS
16/136,093	10686748	9/19/2018	6/19/2020	Twitter, Inc.	Progressive API Responses
16/143,080	10643080	9/26/2018	5/19/2020	Twitter, Inc.	DEVICE INDEPENDENT MESSAGE DISTRIBUTION PLATFORM
16/147,552	10611568	9/28/2018	2/2/2021	Twitter, Inc.	USER-DEFINED MESSAGE TIMELINES
16/151,286	10611568	10/3/2018	2/2/2021	Twitter, Inc.	Client Software Back Off
16/154,385	10613903	10/8/2018	4/7/2020	Twitter, Inc.	Stream Processing at Scale
16/167,448	10781175	10/22/2018	6/30/2020	Twitter, Inc.	METHOD AND SYSTEM FOR TOPIC DISAMBIGUATION AND CLASSIFICATION
16/174,081	10805252	10/29/2018	10/13/2020	Twitter, Inc.	Prioritizing Messages Within a Message Network
16/177,937	10998358	10/31/2018	5/4/2021	Twitter, Inc.	Traffic Mapping
16/183,311	11122238	11/7/2018	9/14/2021	Twitter, Inc.	FRAME INTERPOLATION WITH MULTI-SCALE DEEP LOSS FUNCTIONS AND GENERATIVE ADVERSARIAL NETWORKS
16/200,582	10952114	11/26/2018	6/23/2020	Twitter, Inc.	Expiration in a Real Time Messaging Platform
16/208,080	10901697	12/3/2018	1/26/2021	Twitter, Inc.	Feature Switching Kits
16/208,410	10870312	12/3/2018	4/6/2021	Twitter, Inc.	Content Resonance
16/208,515	10791079	12/3/2018	9/29/2020	Twitter, Inc.	Multi-Tiered Anti-Spamming Systems and Methods
16/208,541	10795660	12/3/2018	10/6/2020	Twitter, Inc.	Live Code Updates
16/215,309	10943270	12/10/2018	3/9/2021	Twitter, Inc.	Scalable Native in Stream Advertising for Mobile Applications and Websites
16/216,558	10904584	12/11/2018	1/26/2021	Twitter, Inc.	LIVE VIDEO STREAMING SERVICES USING ONE OR MORE EXTERNAL DEVICES
16/218,413	10931615	12/12/2018	2/23/2021	Twitter, Inc.	Organizing Self-Replying Messages
16/231,017	10803492	12/21/2018	10/13/2020	Twitter, Inc.	Prioritizing Content in a Real Time Messaging Platform
16/231,339	10785451	12/21/2018	9/22/2020	Twitter, Inc.	LOW BANDWIDTH AVATAR ANIMATION
16/235,794	11297380	12/28/2018	4/5/2022	Twitter, Inc.	Audio Only Content
16/240,683	11297380	1/4/2019		Twitter, Inc.	MACHINE LEARNING WITH EMBEDDINGS
16/241,981	10721306	1/7/2019	7/21/2020	Twitter, Inc.	Interactive Content in a Messaging Platform
16/247,843	11356713	1/15/2019	6/7/2022	Twitter, Inc.	LIVE INTERACTIVE VIDEO STREAMING USING ONE OR MORE CAMERA DEVICES
16/248,840	10976850	1/15/2019	4/13/2021	Twitter, Inc.	Distributed Dataset Modification, Retention, and Replication
16/251,853	10594767	1/18/2019	3/17/2020	Twitter, Inc.	Method and System for Online Conversion Attribution
16/256,443	10887262	1/25/2019	1/5/2021	Twitter, Inc.	Visibility Filtering
16/271,618	10803386	2/8/2019	10/13/2020	Twitter, Inc.	Matching Cross Domain User Affinity with Co-Embeddings
16/271,830	10763930	2/8/2019		Twitter, Inc.	REDUCING REDUNDANCY AND MODEL DECAY WITH EMBEDDINGS
16/283,899	10785183	2/22/2019	9/22/2020	Twitter, Inc.	COMPOSING SOCIAL MEDIA MESSAGES REFERENCEING MULTIPLE MESSAGES
16/285,070	10754534	2/25/2019	8/25/2020	Twitter, Inc.	Customized Application Package with Context Specific Token
16/292,208	10763667	3/4/2019	9/1/2020	Twitter, Inc.	MULTI-SOURCE POWER SUPPLY
16/298,789	10891348	3/11/2019	1/12/2021	Twitter, Inc.	IDENTIFYING RELEVANT MESSAGES IN A CONVERSATION GRAPH
16/357,131	11289919	3/18/2019	3/8/2022	Twitter, Inc.	MANAGING CONSISTENCY MODELS IN A DISTRIBUTED DATABASE
16/363,980	11426234	3/25/2019	9/6/2022	Twitter, Inc.	SELECTION AND PRESENTATION OF UNVIEWED MESSAGES
16/372,236	10645055	4/1/2019	5/6/2020	Twitter, Inc.	Trend Detection for Content Targeting Using an Information Distribution System
16/372,250	11157464	4/1/2019	10/26/2021	Twitter, Inc.	PREFILTERING IN A MESSAGING PLATFORM
16/383,454	10735358	4/12/2019	8/4/2020	Twitter, Inc.	Message Selection and Presentation in a Real Time Messaging Platform
16/389,318	10681161	4/19/2019	6/6/2020	Twitter, Inc.	Trend Detection in a Messaging Platform
16/398,021	11080766	4/29/2019	8/3/2021	Twitter, Inc.	Ad Placement in Mobile Applications and Websites
16/401,095	11095581	5/1/2019	8/17/2021	Twitter, Inc.	SERVER SIDE UI TASK CONTROL FOR ONBOARDING USERS TO A MESSAGING PLATFORM
16/401,096	11412313	5/1/2019	8/17/2021	Twitter, Inc.	SHARING TIME STAMPS FOR VIDEO CONTENT IN A MESSAGING PLATFORM
16/404,712	11080749	5/6/2019	8/3/2021	Twitter, Inc.	APPARATUS AND METHOD FOR SYNCHRONISING ADVERTISEMENTS
16/405,208	11347754	5/7/2019	5/31/2022	Twitter, Inc.	CONTEXT AWARE APPLICATION MANAGER
16/407,282	10649963	5/9/2019	5/12/2020	Twitter, Inc.	SYSTEMS AND METHODS FOR BALANCING STORAGE RESOURCES IN A DISTRIBUTED DATABASE
16/410,952	11057457	5/23/2019	7/6/2021	Twitter, Inc.	Multi-Tenancy Management Within a Distributed Database
16/420,944	11086786	5/24/2019	8/10/2021	Twitter, Inc.	TELEVISION KEY-PHASE DETECTION
16/422,883	11086786	5/24/2019	8/10/2021	Twitter, Inc.	NETWORK-BASED CONTENT DISCOVERY USING MESSAGES OF A MESSAGING PLATFORM
16/432,819	10818320	6/4/2019	10/27/2020	Twitter, Inc.	Web Services Comparison Tool
16/438,389	10750115	6/11/2019	8/18/2020	Twitter, Inc.	LOOPING AUDIO VISUAL FILE GENERATION BASED ON AUDIO AND VIDEO ANALYSIS
16/443,796	11295018	6/17/2019	4/5/2022	Twitter, Inc.	Video Super Capture
16/443,838	11231877	6/17/2019	1/24/2022	Twitter, Inc.	FILE SYSTEM MODIFICATION
16/511,785	10930316	7/15/2019	2/23/2021	Twitter, Inc.	DISTRIBUTED PROCESSING IN A MESSAGING PLATFORM
16/526,826		7/30/2019		Twitter, Inc.	GAPLESS VIDEO LOOPING
				Twitter, Inc.	METHOD AND SYSTEM FOR GENERATING A GEOCODE TRIE AND FACILITATING REVERSE GEOCODE LOOKUPS

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16/533,520	11360663	8/6/2019	6/14/2022	Twitter, Inc.	PRESENTING MINIPROFILE FROM FEED
16/544,759	10963467	8/19/2019	3/30/2021	Twitter, Inc.	Determining Whether a User in a Social Network is an Authority on a Topic10,963,467
16/548,322	10951647	8/22/2019	3/16/2021	Twitter, Inc.	BEHAVIORAL SCANNING OF MOBILE APPLICATIONS
16/561,629		9/5/2019		Twitter, Inc.	EMOJI PREDICTION AND VISUAL SENTIMENT ANALYSIS
16/565,070	10904632	9/9/2019	1/26/2021	Twitter, Inc.	LIVE VIDEO STREAM SHARING
16/573,871	11212244	9/17/2019	12/26/2021	Twitter, Inc.	RENDERING MESSAGES HAVING AN IN-MESSAGE APPLICATION
16/579,896	10861055	9/23/2019	12/6/2020	Twitter, Inc.	METHOD AND SYSTEM FOR IDENTIFYING USERS ACROSS MOBILE AND DESKTOP DEVICES
16/580,631	11323753	9/24/2019	5/9/2022	Twitter, Inc.	LIVE VIDEO CLASSIFICATION AND PREVIEW SELECTION
16/581,625	11146513	9/24/2019	10/12/2021	Twitter, Inc.	GENERATING MESSAGES HAVING IN-MESSAGE APPLICATIONS
16/586,802		9/27/2019		Twitter, Inc.	OPTIMIZING TRAINING FOR SPARSE WORKLOADS
16/587,932	11134039	10/18/2019	9/28/2021	Twitter, Inc.	DYNAMICALLY CONTROLLING MESSAGING PLATFORM CLIENT SIDE AND SERVER SIDE BEHAVIOR
16/588,211	11429669	10/30/2019	8/30/2022	Twitter, Inc.	MANAGING QUERY SUBSCRIPTION RENEWALS IN A MESSAGING PLATFORM
16/589,044		10/30/2019		Twitter, Inc.	EVENT PRODUCER SYSTEM OF A MESSAGING PLATFORM FOR DELIVERING REAL-TIME MESSAGES
16/576,105	11327879	11/6/2019	5/16/2022	Twitter, Inc.	EVALUATION INFRASTRUCTURE FOR TESTING REAL-TIME CONTENT SEARCH
16/705,567	10963468	12/6/2019	3/30/2021	Twitter, Inc.	IDENTIFYING RELEVANT MESSAGES IN A CONVERSATION GRAPH
16/072,817	11137886	12/9/2019	10/6/2021	Twitter, Inc.	PROVIDING CONTENT FOR BROADCAST BY A MESSAGING PLATFORM
16/717,213	11449888	12/17/2019	9/20/2022	Twitter, Inc.	RECONCILIATION OF DISJOINT USER IDENTIFIER SPACES
16/723,881	10951560	12/20/2019	3/16/2021	Twitter, Inc.	RANKING MESSAGES OF CONVERSATION GRAPHS IN A MESSAGING PLATFORM USING PREDICTIVE OUTCOMES
16/723,984	11057322	12/20/2019	7/6/2021	Twitter, Inc.	RANKING MESSAGES OF CONVERSATION GRAPHS IN A MESSAGING PLATFORM USING MACHINE-LEARNING SIGNALS
16/723,987		12/20/2019		Twitter, Inc.	HARD AND SOFT RANKING MESSAGES OF CONVERSATION GRAPHS IN A MESSAGING PLATFORM
16/727,582	11165739	12/26/2019	11/2/2021	Twitter, Inc.	SYSTEM AND METHOD FOR MANAGING AND DISPLAYING DATA MESSAGES
16/727,571	11163257	12/26/2019	10/16/2021	Twitter, Inc.	SYSTEM AND METHOD FOR MANAGING AND DISPLAYING DATA MESSAGES
16/729,218	11108725	12/27/2019	8/31/2021	Twitter, Inc.	Social Media Message Composition
16/732,285		12/31/2019		Twitter, Inc.	PROVIDING TOPICS OF INTEREST IN A MESSAGING SYSTEM
16/735,562	10880025	1/6/2020	12/29/2020	Twitter, Inc.	IDENTIFICATION OF CONCURRENTLY BROADCAST TIME-BASED MEDIA
16/735,572	10972985	1/6/2020	4/6/2021	Twitter, Inc.	ESTABLISHING A TRUST ASSOCIATION
16/735,605	11025624	1/6/2020	6/1/2021	Twitter, Inc.	Inter-Application Delegated Authentication
16/773,844	11218665	1/27/2020	1/4/2022	Twitter, Inc.	FACILITATING CROSS-PLATFORM CONTENT ACCESS
16/775,292	11119627	1/29/2020	9/14/2021	Twitter, Inc.	LOAD BALANCING DETERMINISTICALLY-SUBSETTED PROCESSING RESOURCES USING FRACTIONAL LOADS
16/776,375	11334636	1/29/2020	5/17/2022	Twitter, Inc.	REAL-TIME EVENT DETECTION ON SOCIAL DATA STREAMS
16/780,866	11070499	2/3/2020	7/20/2021	Twitter, Inc.	Analysis of Content Sharing in a Messaging Platform
16/781,290	11079923	2/4/2020	8/9/2021	Twitter, Inc.	USER INTERFACE FOR A VIDEO CAPTURE DEVICE
16/781,342	11190567	2/4/2020	11/30/2021	Twitter, Inc.	LOW-LATENCY HTTP LIVE STREAMING
16/782,086	11061883	2/14/2020	7/13/2021	Twitter, Inc.	Automated Social Message Stream Population
16/807,023	11303623	3/2/2020	4/12/2022	Twitter, Inc.	AUTHENTICATION MECHANISM
16/817,174	11133680	3/12/2020	9/28/2021	Twitter, Inc.	DETECTING SOURCES OF COMPUTER NETWORK FAILURES
16/817,519		3/12/2020		Twitter, Inc.	TRENDS IN A MESSAGING PLATFORM
16/818,108	11012484	3/13/2020	5/18/2021	Twitter, Inc.	TRENDS IN A MESSAGING PLATFORM
16/827,361	11108717	3/23/2020	8/31/2021	Twitter, Inc.	Method and System for Online Conversation Attribution
16/827,568	11468069	3/23/2020	10/11/2022	Twitter, Inc.	GRAPH BASED DATA STORAGE FOR REAL-TIME CONTENT SUGGESTIONS
16/827,630	11409717	3/23/2020	8/9/2022	Twitter, Inc.	OVERSPEND CONTROL IN A MESSAGING PLATFORM
16/838,509	11276075	4/2/2020	3/15/2022	Twitter, Inc.	INCREASING SOCIAL MEDIA PRESENCE USING MACHINE-LEARNING RELEVANCE TECHNIQUES
16/841,349	11010050	4/6/2020	5/18/2021	Twitter, Inc.	SYSTEMS AND METHODS FOR SWIPE-TO-LIKE
16/841,438	11301115	4/6/2020	4/13/2022	Twitter, Inc.	DETERMINING MOST RELEVANT ACCOUNTS IN A CONVERSATION
16/842,187	11042599	4/7/2020	6/22/2021	Twitter, Inc.	IDENTIFYING RELEVANT MESSAGES IN A CONVERSATION GRAPH
16/845,000	11349946	4/9/2020	5/31/2022	Twitter, Inc.	MANAGING USER IDENTITIES IN A MANAGED MULTI-TENANT SERVICE
16/849,806		4/15/2020		Twitter, Inc.	TOPICS IN A SOCIAL MESSAGING PLATFORM
16/865,711	11025735	5/4/2020	6/1/2021	Twitter, Inc.	Trend Detection in a Messaging Platform
16/866,162	11290413	5/4/2020	3/29/2022	Twitter, Inc.	Trend Detection for Content Targeting Using an Information Distribution System
16/866,882	11316940	5/5/2020	4/26/2022	Twitter, Inc.	MUSIC DISCOVERY USING MESSAGES OF A MESSAGING PLATFORM
16/872,057		5/11/2020		Twitter, Inc.	BUDGET SMOOTHING IN A MESSAGING PLATFORM
16/872,293	11438399	5/11/2020	9/6/2022	Twitter, Inc.	FAST-LOADING AND DISPLAY OF IMAGE PREVIEWS
16/875,565	11270333	5/18/2020	3/6/2022	Twitter, Inc.	ELECTRONIC DEVICE AND USER INTERFACE FOR SAME
16/877,452		5/28/2020		Twitter, Inc.	SEARCH INFRASTRUCTURE
16/886,072				Twitter, Inc.	ORDERING OF FILL REQUESTS TO SEND TO ONLINE AD NETWORKS TO FILL AN AD UNIT IN AN ELECTRONIC PUBLISHER APPLICATION WITH AN ONLINE ADVERTISING IMPRESSION
16/899,233		6/11/2020		Twitter, Inc.	DEVICE INDEPENDENT MESSAGE DISTRIBUTION PLATFORM
16/902,082	11165729	6/15/2020	11/2/2021	Twitter, Inc.	GENERATING AND DISPLAYING CONTEXTUAL AUDIOVISUAL CONTENT
16/902,861		6/16/2020		Twitter, Inc.	PROMOTING TIME-BASED CONTENT THROUGH SOCIAL NETWORKING SYSTEMS
16/904,526	11392347	6/17/2020	7/19/2022	Twitter, Inc.	AUDIO MESSAGING INTERFACE ON MESSAGING PLATFORM

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16/906 927	11268702	6/19/2020	3/29/2022	Twitter, Inc.	EXPLORATION IN A REAL TIME MESSAGING PLATFORM
16/908 207		6/22/2020		Twitter, Inc.	DISTRIBUTED MESSAGE QUEUE WITH BEST CONSUMER DISCOVERY AND AREA PREFERENCE
16/909 544	11310338	6/23/2020	4/19/2022	Twitter, Inc.	METHOD AND SYSTEM FOR TOPIC DISAMBIGUATION AND CLASSIFICATION
16/911 178		8/25/2020		Twitter, Inc.	MANAGING CONTENT ON A SOCIAL MESSAGING PLATFORM
16/915 056		6/29/2020		Twitter, Inc.	MESSAGING-EMBED UNMANNED AERIAL VEHICLE
16/933 762	11228555	7/20/2020	1/18/2022	Twitter, Inc.	INTERACTIVE CONTENT IN A MESSAGING PLATFORM
16/942 337	11343210	7/29/2020	5/24/2022	Twitter, Inc.	MESSAGE SELECTION AND PRESENTATION IN A REAL-TIME MESSAGING PLATFORM
16/946 216		6/10/2020		Twitter, Inc.	LIVE VIDEO STREAMING SERVICES
16/948 521	11456017	9/22/2020	9/27/2022	Twitter, Inc.	LOOPING AUDIO-VISUAL FILE GENERATION BASED ON AUDIO AND VIDEO ANALYSIS
16/949 241	11218172	10/21/2020	1/4/2022	Twitter, Inc.	SCROLLING FEED WHILE MAINTAINING EXPANDED SIZE OF POST INFERRED
16/969 870		8/12/2020		Twitter, Inc.	VALUE-ALIGNED RECOMMENDATIONS
16/991 220	11263255	8/12/2020	3/1/2022	Twitter, Inc.	Content Carousel in a Social Media Timeline
17/001 293		8/24/2020		Twitter, Inc.	USER INTERFACE BASED ON VIEWABLE AREA OF A DISPLAY
17/011 573		9/3/2020		Twitter, Inc.	TEMPORAL FEATURES IN A MESSAGING PLATFORM
17/013 233	11290551	9/4/2020	3/29/2022	Twitter, Inc.	METHOD AND SYSTEM FOR IMPLEMENTING CIRCLE-OF-TRUST IN A SOCIAL NETWORK
17/018 807	11206374	9/11/2020	12/21/2021	Twitter, Inc.	LOW-BANDWIDTH AVATAR ANIMATION
17/018 937		9/11/2020		Twitter, Inc.	COMPOSING SOCIAL MEDIA MESSAGES REFERENCEING MULTIPLE MESSAGES
17/019 005		9/11/2020		Twitter, Inc.	EVENT COLLECTION WITH MULTI-DIMENSIONAL SCALING
17/020 624		9/14/2020		Twitter, Inc.	PRIORITIZING MESSAGES WITHIN A MESSAGE NETWORK
17/035 353	11425073	9/28/2020	8/23/2022	Twitter, Inc.	MULTI-TIERED ANTI-SPAMMING SYSTEMS AND METHODS
17/063 632		10/5/2020		Twitter, Inc.	REAL TIME ANALYSES USING COMMON FEATURES
17/063 641		10/5/2020		Twitter, Inc.	Live Code Updates
17/068 490	11283725	10/12/2020	3/22/2022	Twitter, Inc.	EVENT CONTENT DELIVERY
17/068 770		10/12/2020		Twitter, Inc.	PROMOTING CONTENT IN A REAL TIME MESSAGING PLATFORM
17/073 086		10/16/2020		Twitter, Inc.	INDEXING DATA IN INFORMATION RETRIEVAL SYSTEMS
17/077 978		10/22/2020		Twitter, Inc.	REAL TIME ANALYSIS OF DATA STREAMING OBJECTS FOR DISTRIBUTED STREAM PROCESSING
17/092 019		11/6/2020		Twitter, Inc.	MACHINE LEARNING USING QUERY ENGINES
17/097 426		11/13/2020		Twitter, Inc.	DETERMINING ENGAGEMENT SCORES FOR SUB-CATEGORIES IN A DIGITAL DOMAIN BY A COMPUTING SYSTEM
17/110 162		12/2/2020		Twitter, Inc.	IMPROVED AUTHENTICATION SECURITY VIA APPLICATION-SPECIFIC DYNAMIC TOKEN GENERATION
17/114 445		12/7/2020		Twitter, Inc.	METHOD AND SYSTEM FOR IDENTIFYING USERS ACROSS MOBILE AND DESKTOP DEVICES
17/114 750		12/8/2020		Twitter, Inc.	Scalable Native In-Stream Advertising for Mobile Applications and Websites
17/114 751		12/8/2020		Twitter, Inc.	Native Advertisements
17/128 651	11392351	12/21/2020	7/19/2022	Twitter, Inc.	Feature Switching Kits
17/128 998		12/21/2020		Twitter, Inc.	ORDERING OF FIL REQUESTS TO SEND TO ONLINE AD NETWORKS TO FILL AN AD UNIT IN AN ELECTRONIC PUBLISHER APPLICATION WITH AN ONLINE ADVERTISING IMPRESSION
17/129 734	11362975	12/21/2020	6/14/2022	Twitter, Inc.	VISIBILITY FILTERING
17/130 405		12/22/2020		Twitter, Inc.	RECONCILIATION OF DISJOINT USER IDENTIFIER SPACES
17/130 495		12/22/2020		Twitter, Inc.	Click-Through Prediction for Targeted Content
17/135 929	11223433	12/28/2020	1/11/2022	Twitter, Inc.	IDENTIFICATION OF CONCURRENTLY BROADCAST TIME-BASED MEDIA
17/152 594		1/19/2021		Twitter, Inc.	Method and System for Processing Requests in a Messaging Platform
17/163 037	11316952	1/29/2021	4/26/2022	Twitter, Inc.	CLIENT SOFTWARE BACK-OFF
17/175 824		2/18/2021		Summize, Inc.	SYSTEM AND METHOD FOR EVALUATING SENTIMENT
17/182 047		2/22/2021		Twitter, Inc.	ORGANIZING SELF-REPLYING MESSAGES
17/195 277		3/8/2021		Twitter, Inc.	RESOURCE USE AND OPERATIONAL LOAD OF PERFORMING COMPUTING AND STORAGE TASKS IN DISTRIBUTED SYSTEMS
17/199 031		3/11/2021		Twitter, Inc.	BEHAVIORAL SCANNING OF MOBILE APPLICATIONS
17/214 715		3/26/2021		Twitter, Inc.	DETERMINING WHETHER A USER IN A SOCIAL NETWORK IS AN AUTHORITY ON A TOPIC
17/216 379		3/29/2021		Twitter, Inc.	ASSOCIATING CONTEXT INFORMATION WITH A USER BASED ON ADVERTISING CAMPAIGN INTERACTIONS
17/219 422		3/31/2021		Twitter, Inc.	ESTABLISHING A TRUST ASSOCIATION
17/222 541		4/5/2021		Twitter, Inc.	CONTEXT RESONANCE
17/225 062		4/7/2021		Twitter, Inc.	Event-Based Content Presentation Using a Social Media Platform
17/228 600		4/12/2021		Twitter, Inc.	DISTRIBUTED DATASET MODIFICATION, RETENTION, AND REPLICATION
17/247 380		12/9/2020		Twitter, Inc.	LIVE VIDEO STREAM SHARING
17/247 426		12/10/2020		Twitter, Inc.	AUTOMATIC POSITIONING OF CONTENT ITEMS IN A SCROLLING DISPLAY FOR OPTIMAL VIEWING OF THE ITEMS
17/247 570		12/16/2020		Twitter, Inc.	LIVE VIDEO STREAMING SERVICES USING ONE OR MORE EXTERNAL DEVICES
17/248 875		2/11/2021		Twitter, Inc.	SYSTEM AND METHOD FOR GENERATING CHURN PREDICTION IN A MESSAGING PLATFORM
17/249 130		2/22/2021		Twitter, Inc.	GAP-LESS VIDEO LOOPING
17/252 537		5/5/2021		Twitter, Inc.	SUPER-RESOLUTION USING A GENERATIVE ADVERSARIAL NETWORK
17/252 947		5/17/2021		Twitter, Inc.	IDENTIFYING RELEVANT MESSAGES IN A CONVERSATION GRAPH
17/253 474		5/28/2021		Twitter, Inc.	POST POSITION HANDLING IN A MESSAGING SYSTEM
17/253 475		5/28/2021		Twitter, Inc.	DISPLAYING OF POSTS AND RESPONSES

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17/603,805		6/8/2021		Twitter, Inc.	TEMPORAL GRAPH NETWORKS FOR DEEP LEARNING ON DYNAMIC GRAPHS
17/505,493		7/8/2021		Twitter, Inc.	REPLIES FOR POSTS
17/668,884		5/3/2021		Twitter, Inc.	TRAFFIC MAPPING
17/606,873		5/3/2021		Twitter, Inc.	Inter-Application Delegated Authentication
17/316,322		5/10/2021		Twitter, Inc.	RELEVANCE-ORDERED MESSAGE SEARCH
17/316,353		5/10/2021		Twitter, Inc.	Method and System for Online Conversation Attribution
17/321,606		5/17/2021		Twitter, Inc.	SYSTEMS AND METHODS FOR SWIPE-TO-LIKE
17/333,826		5/28/2021		Twitter, Inc.	USER INTERFACE MECHANICS
17/346,691		6/14/2021		Twitter, Inc.	User Content Presentation Based on Strength of Relationships
17/361,171	1147/145	6/28/2021	10/18/2022	Twitter, Inc.	DYNAMICALLY CONTROLLING MESSAGING PLATFORM CLIENT-SIDE AND SERVER-SIDE BEHAVIOR
17/662,950		6/29/2021		Twitter, Inc.	Ad Placement in Mobile Applications and Websites
17/365,828		7/1/2021		Twitter, Inc.	Television Key Phrase Detection
17/668,887	11481305	7/6/2021	10/4/2022	Twitter, Inc.	AUTOMATED SOCIAL MESSAGE STREAM POPULATION
17/668,126	11379454	7/6/2021	7/5/2022	Twitter, Inc.	AUTOMATED SOCIAL MESSAGE STREAM POPULATION
17/376,103		7/14/2021		Twitter, Inc.	DISTRIBUTION OF AUDIO RECORDING FOR SOCIAL NETWORKS
17/390,566		7/30/2021		Twitter, Inc.	SYNCHRONIZING ADVERTISEMENTS
17/397,564		8/6/2021		Twitter, Inc.	METHOD AND SYSTEM FOR PRESENTING STORIES
17/398,919		8/10/2021		Twitter, Inc.	CLIENT DEVICE IDENTIFICATION ON A NETWORK
17/405,153		8/18/2021		Twitter, Inc.	PROVIDING TOPICS ENTITIES IN A MESSAGING PLATFORM
17/407,343		8/20/2021		Twitter, Inc.	LOAD BALANCING DETERMINISTICALLY SUBSETTED PROCESSING RESOURCES USING FRACTIONAL LOADS
17/410,515		8/24/2021		Twitter, Inc.	UPDATING RECORDS IN A REAL-TIME STORAGE SYSTEM
17/435,608		9/1/2021		Twitter, Inc.	MEDIA CONTENT CAPTURE AND PRESENTATION
17/444,880		7/30/2021		Twitter, Inc.	CREATING A COMBINED VIDEO VIGNETTE
17/444,815		8/10/2021		Twitter, Inc.	SERVER-SIDE UI TASK CONTROL FOR ONBOARDING USERS TO A MESSAGING PLATFORM
17/446,512		8/31/2021		Twitter, Inc.	EFFICIENT ONLINE TRAINING FOR MACHINE LEARNING
17/451,197		10/18/2021		Twitter, Inc.	LOW-LATENCY HTTP LIVE STREAMING
17/452,835		10/29/2021		Twitter, Inc.	SYSTEM AND METHOD FOR MANAGING AND DISPLAYING DATA MESSAGES
17/457,057		12/1/2021		Twitter, Inc.	ADAPTIVE AND EFFICIENT STORAGE SYSTEM FOR DATA PRIVACY
17/460,071		8/27/2021		Twitter, Inc.	TRENDS IN A MESSAGING PLATFORM
17/461,460		8/30/2021		Twitter, Inc.	SOCIAL MEDIA MESSAGE COMPOSITION
17/473,367		9/16/2021		Twitter, Inc.	DETECTING SOURCES OF COMPUTER NETWORK FAILURES
17/482,066		9/22/2021		Twitter, Inc.	PROVIDING CONTENT FOR BROADCAST BY A MESSAGING PLATFORM
17/485,767		10/6/2021		Twitter, Inc.	IN-MESSAGE APPLICATIONS IN A MESSAGING PLATFORM
17/497,613		10/8/2021		Twitter, Inc.	METHOD AND SYSTEM FOR TOPIC DISAMBIGUATION AND CLASSIFICATION
17/500,818		10/13/2021		Twitter, Inc.	PRE-FILTERING IN A MESSAGING PLATFORM
17/505,559		10/19/2021		Twitter, Inc.	GENERATING AND DISPLAYING CONTEXTUAL AUDIOVISUAL CONTENT
17/548,209		12/10/2021		Twitter, Inc.	NOTIFICATION VOLUMES IN MESSAGING PLATFORMS
17/553,610		12/16/2021		Twitter, Inc.	LOW-BANDWIDTH AVATAR ANIMATION
17/553,742		12/16/2021		Twitter, Inc.	In-Message Applications in a Messaging Platform
17/559,976		12/22/2021		Twitter, Inc.	FACILITATING CROSS-PLATFORM CONTENT ACCESS
17/571,848		1/10/2022		Twitter, Inc.	IDENTIFICATION OF CONCURRENTLY BROADCAST TIME-BASED MEDIA
17/576,565		1/14/2022		Twitter, Inc.	Interactive Content in a Messaging Platform
17/583,121		1/24/2022		Twitter, Inc.	DISTRIBUTED PROCESSING IN A MESSAGING PLATFORM
17/588,121		1/26/2022		Twitter, Inc.	INTERACTING WITH POSTS IN A SOCIAL MESSAGING PLATFORM
17/588,502		1/28/2022		Twitter, Inc.	RELATED CONTENT SEARCHING
17/590,219		1/25/2022		Twitter, Inc.	LIVE VIDEO STREAMING SERVICES
17/594,172		3/9/2022		Twitter, Inc.	GRAPH NEURAL DIFFUSION
17/554,186		3/9/2022		Twitter, Inc.	PRESENTING PROFILE CARD IN CONVERSATION GRAPHICAL USER INTERFACE
17/558,537		4/8/2022		Twitter, Inc.	INCREASING SOCIAL MEDIA PRESENCE USING MACHINE LEARNING RELEVANCE TECHNIQUES
17/559,584		4/18/2022		Twitter, Inc.	AUDIO PREVIEW MECHANISM
17/559,714		4/19/2022		Twitter, Inc.	EVALUATION INFRASTRUCTURE FOR TESTING REAL-TIME CONTENT SEARCH
17/559,900		4/20/2022		Twitter, Inc.	MANAGING A PLURALITY OF SOCIAL MEDIA TIMELINES OF A MESSAGING PLATFORM
17/660,531		4/25/2022		Twitter, Inc.	REAL-TIME EVENT DETECTION ON SOCIAL MEDIA STREAMS
17/661,508		4/29/2022		Twitter, Inc.	PROVIDING REAL TIME CONVERSATIONAL HEALTH IMPROVEMENT SUGGESTIONS BASED ON LISTENER REACTIONS
17/661,775		5/3/2022		Twitter, Inc.	GRAPHICAL USER INTERFACE FOR ARTIST OR SONG RECOMMENDATION
17/665,466		2/4/2022		Twitter, Inc.	VIDEO CLASSIFICATION AND PREVIEW SELECTION
17/668,271		2/9/2022		Twitter, Inc.	LEARNING TO RANK FOR PUSH NOTIFICATIONS
17/674,553		2/17/2022		Twitter, Inc.	BUILDING AND DISPLAYING A USER PROFILE
17/687,264		3/4/2022		Twitter, Inc.	Content Carousel in a Social Media Timeline
17/689,825		3/8/2022		Twitter, Inc.	Trend Detection for Content Targeting Using an Information Distribution System
					MANAGING CONSISTENCY MODELS IN A DISTRIBUTED DATABASE
					AUTOMATIC DATA PIPELINE GENERATION

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176967970		3/18/2022		Twitter, Inc.	AGGREGATING MESSAGES ON SOCIAL MESSAGING PLATFORM
17704 951		3/25/2022		Twitter, Inc.	METHOD AND SYSTEM FOR IMPLEMENTING CIRCLE OF TRUST IN A SOCIAL NETWORK
17708 444		3/28/2022		Twitter, Inc.	EXPLORATION IN A REAL TIME MESSAGING PLATFORM
17709 345		3/30/2022		Twitter, Inc.	AUDIO CONVERSATION SPACES IN A SOCIAL MESSAGING PLATFORM
17713 132		4/4/2022		Twitter, Inc.	AUDIO ONLY CONTENT
17717 887		4/11/2022		Twitter, Inc.	Topic and Time Based Media Affinity Estimation
17724 418		4/19/2022		Twitter, Inc.	INTERACTING WITH POSTS IN A SOCIAL MESSAGING PLATFORM
17746 631		5/17/2022		Twitter, Inc.	METHOD AND SYSTEM FOR TOPIC DISAMBIGUATION AND CLASSIFICATION
17750 192		5/20/2022		Twitter, Inc.	SYNCHRONIZED CONVERSATION SPACE COMMANDS IN A SOCIAL MESSAGING PLATFORM
17751 368		5/23/2022		Twitter, Inc.	MESSAGE SELECTION AND PRESENTATION IN A REAL TIME PLATFORM
17805 323		6/3/2022		Twitter, Inc.	LIVE INTERACTIVE VIDEO STREAMING USING ONE OR MORE CAMERA DEVICES
17805 968		6/8/2022		Twitter, Inc.	RANKING MESSAGES OF A CONVERSATION GRAPH FOR CANDIDATE SELECTION
17805 970		6/8/2022		Twitter, Inc.	RANKING MESSAGES OF A CONVERSATION GRAPH AND DISPLAYING SOCIAL CONTEXT OBJECTS
17810 949		7/6/2022		Twitter, Inc.	SHARING TIMESTAMPS FOR VIDEO CONTENT IN A MESSAGING PLATFORM
17815 010		7/26/2022		Twitter, Inc.	MANAGING QUERY SUBSCRIPTION RENEWALS IN A MESSAGING PLATFORM
17815 014		7/26/2022		Twitter, Inc.	MANAGING QUERY SUBSCRIPTION RENEWALS IN A MESSAGING PLATFORM
17815 017		7/26/2022		Twitter, Inc.	MANAGING QUERY SUBSCRIPTION RENEWALS IN A MESSAGING PLATFORM
17819 134		8/11/2022		Twitter, Inc.	AGGREGATE FEATURES FOR MACHINE LEARNING
17823 286		8/30/2022		Twitter, Inc.	Method and System for Maintaining Storage Device Failure Tolerance in a Composable Infrastructure
17824 151		5/25/2022		Twitter, Inc.	MANAGING USER IDENTITIES IN A MANAGED MULTI-TENANT SERVICE
17831 376		6/2/2022		Twitter, Inc.	NICHE TRENDS
17831 902		6/3/2022		Twitter, Inc.	MESSAGING SYSTEM
17832 478		6/3/2022		Twitter, Inc.	MESSAGING SYSTEM WITH MESSAGE CLARIFICATIONS
17834 456		6/7/2022		Twitter, Inc.	AUDIO MESSAGING INTERFACE ON MESSAGING PLATFORM
17849 483		6/24/2022		Twitter, Inc.	NEGATIVE SIGNALS IN AUTOMATED SOCIAL MESSAGE STREAM POPULATION
17855 405		6/30/2022		Twitter, Inc.	MANAGING REFERENCES ON A SOCIAL MESSAGING PLATFORM
17863 116		7/12/2022		Twitter, Inc.	CLOUD RESOURCE MANAGEMENT
17867 163		7/18/2022		Twitter, Inc.	Feature Switching Kits
17872 339		7/29/2022		Twitter, Inc.	BATCH EVENT DELIVERY WITH IDENTIFIERS
17877 069		7/29/2022		Twitter, Inc.	TRACER EVENTS
17879 732		8/2/2022		Twitter, Inc.	RECOMMENDING CONTENT TO USER ACCOUNTS ON A SOCIAL MESSAGING PLATFORM
17882 470		8/5/2022		Twitter, Inc.	DYNAMIC DATA COMPRESSION
17891 873		8/19/2022		Twitter, Inc.	ACCESS MANAGEMENT SYSTEM
17893 043		8/22/2022		Twitter, Inc.	MULTI-TIERED ANTI-SPAMMING SYSTEMS AND METHODS
17935 322		9/26/2022		Twitter, Inc.	LOOPING AUDIO VISUAL FILE GENERATION BASED ON AUDIO AND VIDEO ANALYSIS
17942 311		9/12/2022		Twitter, Inc.	CONVERSATIONAL Targeted Content
17943 928		8/13/2022		Twitter, Inc.	DYNAMICALLY CONTROLLING MESSAGING PLATFORM CLIENT-SIDE AND SERVER-SIDE BEHAVIOR
17945 960		9/15/2022		Twitter, Inc.	ASYNCHRONOUS PREDICTION IN MACHINE LEARNING MODEL SERVING
17953 121		9/26/2022		Twitter, Inc.	PROGRESSIVE API RESPONSES
17956 894		9/30/2022		Twitter, Inc.	QUERY INTERACTION GRAPH FOR CONTENT SELECTION IN MESSAGING SYSTEMS
17959 969		10/4/2022		Twitter, Inc.	IDENTIFYING NICHE TRENDS
29/15 838	D805102	1/27/2015	12/12/2017	Twitter, Inc.	Media Sharing Device with Graphical User Interface
29/52 245	D780785	3/27/2015	3/1/2017	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/58 808	D841689	3/18/2016	2/26/2019	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/89 739	D856350	1/4/2017	8/13/2018	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/89 741	D857037	1/4/2017	8/20/2019	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/89 743	D856351	1/4/2017	8/13/2018	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/91 566	D868604	1/20/2017	12/3/2019	Twitter, Inc.	DISPLAY SCREEN WITH A TRANSITIONAL GRAPHICAL USER INTERFACE
29/62 431	D816714	10/31/2017	4/20/2021	Twitter, Inc.	MEDIA SHARING DEVICE WITH GRAPHICAL USER INTERFACE
29/62 442	D928173	10/31/2017	8/11/2021	Twitter, Inc.	MEDIA SHARING DEVICE WITH GRAPHICAL USER INTERFACE
29/62 447	D877750	10/31/2017	3/10/2020	Twitter, Inc.	Media Sharing Device with Graphical User Interface
29/62 452	D888081	10/31/2017	6/23/2020	Twitter, Inc.	MEDIA SHARING DEVICE WITH GRAPHICAL USER INTERFACE
29/63 103	D874480	12/27/2017	2/4/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/65 276	D916771	7/7/2020	4/20/2021	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/65 612		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/65 613		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/65 614		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/65 615		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/65 616		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/65 617		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/65 618		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/65 619		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/65 620		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS

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29/652,621		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/652,622		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/652,623		10/2/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/652,625		10/6/2020		Twitter, Inc.	ICONS AND ANIMATIONS PRESENTED ON DISPLAY
29/652,965	D9366/3	1/25/2021	11/23/2021	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/673,689		12/17/2018		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/673,691	D8861/44	12/17/2018	6/2/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/673,692	D8861/45	12/17/2018	6/2/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/673,693	D8861/46	12/17/2018	6/2/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/673,695	D8861/47	12/17/2018	6/2/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/674,317	D8798/23	12/20/2018	3/31/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/674,319	D8798/24	12/20/2018	3/31/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/674,321	D8688/14	12/20/2018	12/3/2019	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/674,334	D8619/25	12/20/2018	4/23/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/674,342	D8928/38	12/20/2018	8/11/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/674,343	D8928/39	12/20/2018	8/11/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/674,346	D8928/40	12/20/2018	8/11/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/674,347	D8905/15	12/20/2018	4/7/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/674,348	D8798/25	12/20/2018	3/31/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/674,349	D8798/26	12/20/2018	3/31/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/674,353	D8688/15	12/20/2018	12/3/2019	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/674,355	D8688/16	12/20/2018	12/3/2019	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/674,356	D8688/17	12/20/2018	12/3/2019	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/674,357	D8688/18	12/20/2018	12/3/2019	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE VIDEO SHARING
29/681,268	D840,728	2/22/2019	1/11/2022	Twitter, Inc.	DISPLAY PANEL PORTION WITH A COMPUTER ICON
29/681,246	D8812/31	2/22/2019	4/14/2020	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/683,381		3/12/2019		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS AND THREADS
29/686,523		3/13/2019		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS, THREADS, AND VIDEOS
29/686,532		4/4/2019		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR CONVERSATIONS
29/686,535	D8224/14	6/14/2019	6/14/2021	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR ORGANIZING CONVERSATIONS BY DATE
29/696,174		6/25/2019		Twitter, Inc.	MOBILE APPLICATION WITH USER INTERFACE
29/700,848	D8567/71	8/6/2019	7/5/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR PEERING AT A PROFILE
29/703,489	D8454/38	8/27/2019	3/6/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS
29/710,105	D824,913	10/21/2019	7/13/2021	Twitter, Inc.	DISPLAY SCREEN WITH A TRANSITIONAL GRAPHICAL USER INTERFACE
29/712,415		11/7/2019		Twitter, Inc.	DISPLAY SCREEN OR PORTION THEREOF WITH COMPUTER GENERATED ICON
29/718,824	D8401/88	12/30/2018	1/4/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/718,826	D8478/5	12/30/2019	4/5/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/718,827	D8533/51	12/30/2019	5/31/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/718,828	D8622/78	12/30/2019	8/30/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/718,836	D8533/52	12/30/2019	5/31/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/718,938	D8491/81	12/30/2019	4/19/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE BROADCASTING
29/718,939		12/30/2019		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR A SOCIAL MEDIA APPLICATION
29/718,940	D8478/6	12/30/2019	4/5/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE EVENTS IN A SOCIAL MEDIA APPLICATION
29/718,941		12/30/2019		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR VIEWING LIVE EVENTS IN A SOCIAL MEDIA APPLICATION
29/718,942	D8491/63	12/30/2019	4/19/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR VIDEO CONFERENCING
29/718,943	D8498/88	12/30/2019	4/29/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR A SOCIAL MEDIA APPLICATION
29/720,441		1/13/2020		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE
29/733,758		5/6/2020		Twitter, Inc.	DISPLAY PANEL PORTION WITH AN ANIMATED COMPUTER ICON
29/733,780	D847,865	5/6/2020	4/5/2022	Twitter, Inc.	DISPLAY PANEL PORTION WITH AN ANIMATED COMPUTER ICON
29/739,414		6/25/2020		Twitter, Inc.	DISPLAY PANEL PORTION WITH A COMPUTER ICON
29/739,417	D8533/55	6/25/2020	5/31/2022	Twitter, Inc.	DISPLAY PANEL PORTION WITH AN ANIMATED COMPUTER ICON
29/739,443	D840,738	6/25/2020	1/11/2022	Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/748,831		9/1/2020		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/788,352		5/6/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/788,474		6/3/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/788,919		8/13/2021		Twitter, Inc.	MEDIA SHARING DEVICE WITH GRAPHICAL USER INTERFACE
29/788,997		8/24/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS, THREADS, AND VIDEOS
29/788,999		8/24/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS, THREADS, AND VIDEOS
29/789,000		8/24/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS, THREADS, AND VIDEOS
29/789,001		8/24/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS, THREADS, AND VIDEOS

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29/90.036		11/1/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR VIDEO CONFERENCING
29/90.032		11/2/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR VIDEO CONFERENCING
29/90.053		11/2/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR VIDEO CONFERENCING
29/90.067		11/3/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR VIDEO CONFERENCING
29/90.068		11/3/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR VIDEO CONFERENCING
29/90.490		11/30/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/90.491		11/30/2021		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/91.642		1/26/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS
29/91.644		1/26/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS
29/91.645		1/26/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS
29/91.912		2/23/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE EVENTS IN A SOCIAL MEDIA APPLICATION
29/91.915		2/23/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/91.916		2/23/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/92.187		3/10/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR LIVE BROADCASTING
29/92.206		3/11/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR A SOCIAL MEDIA APPLICATION
29/92.208		3/11/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR A SOCIAL MEDIA APPLICATION
29/92.209		3/11/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR A SOCIAL MEDIA APPLICATION
29/92.210		3/11/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR A SOCIAL MEDIA APPLICATION
29/92.368		3/25/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/92.611		4/11/2022		Twitter, Inc.	DISPLAY SCREEN WITH USER INTERFACE
29/92.612		4/11/2022		Twitter, Inc.	DISPLAY SCREEN WITH USER INTERFACE
29/92.613		4/11/2022		Twitter, Inc.	DISPLAY SCREEN WITH USER INTERFACE
29/92.614		4/11/2022		Twitter, Inc.	DISPLAY SCREEN WITH USER INTERFACE
29/92.616		4/11/2022		Twitter, Inc.	DISPLAY SCREEN WITH USER INTERFACE
29/92.702		4/19/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/92.703		4/19/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/92.722		4/20/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/92.801		4/25/2022		Twitter, Inc.	DISPLAY SCREEN USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/10.619		10/6/2021		Twitter, Inc.	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE FOR HEADS UP PROMPTS
29/81.866		12/3/2021		Twitter, Inc.	DISPLAY PANEL PORTION WITH A COMPUTER ICON
29/10.438		12/8/2021		Twitter, Inc.	DISPLAY PANEL PORTION WITH AN ANIMATED GRAPHICAL USER INTERFACE
29/826.666		2/14/2022		Twitter, Inc.	DISPLAY SCREEN OR PORTION THEREOF WITH GRAPHICAL USER INTERFACE FOR CREATOR DASHBOARDS
29/83.596		4/5/2022		Twitter, Inc.	DISPLAY SCREEN OR PORTION THEREOF WITH TRANSITIONAL GRAPHICAL USER INTERFACE
29/864.368		5/24/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/864.602		6/7/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/864.785		6/20/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
29/865.449		7/26/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR MOMENTS IN A SOCIAL MEDIA APPLICATION
29/865.784		8/12/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS
29/865.795		8/12/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR CONVERSATIONS
29/866.508		9/15/2022		Twitter, Inc.	DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE
63/262.519		10/14/2021		Twitter, Inc.	GRAPH NEURAL PDES
63/264.354		11/16/2021		Twitter, Inc.	GRAPH DIFFUSION AND EMBEDDING ENERGIES
63/266.916		1/19/2022		Twitter, Inc.	MANAGING A PLURALITY OF SOCIAL MEDIA TIMELINES OF A MESSAGING PLATFORM
63/267.147		2/9/2022		Twitter, Inc.	OPTIMIZING PUSH NOTIFICATIONS DECISION MAKING
63/267.780		2/9/2022		Twitter, Inc.	RANKING MESSAGES OF A CONVERSATION GRAPH FOR CANDIDATE SELECTION
63/268.286		2/21/2022		Twitter, Inc.	SMOOTHED MIXTURE OF EMBEDDINGS FOR DIVERSE CANDIDATE GENERATION IN RECOMMENDATION SYSTEMS
63/279.021		11/12/2021		Twitter, Inc.	AUDIO PROCESSING IN A SOCIAL MESSAGING PLATFORM
63/315.283		3/11/2022		Twitter, Inc.	ACCESS MANAGEMENT SYSTEM
63/316.701		3/4/2022		Twitter, Inc.	GENERATING AND DISPLAYING MESSAGES DURING AN AUDIO CONVERSATION ON A SOCIAL MESSAGING PLATFORM
63/327.708		4/5/2022		Twitter, Inc.	FRIENDS LISTS FOR SELECTIVE ENGAGEMENT OF USERS OF A SOCIAL MESSAGING PLATFORM AND METHODS USING SAME
63/327.782		4/5/2022		Twitter, Inc.	MESSAGING SYSTEM WITH MESSAGE CLARIFICATIONS
63/328.707		4/7/2022		Twitter, Inc.	MANAGING REFERENCES ON A SOCIAL MESSAGING PLATFORM
63/340.121		5/10/2022		Twitter, Inc.	ACCESS MANAGEMENT SYSTEM
63/355.982		6/27/2022		Twitter, Inc.	DECONSTRUCTING GRAPH NEURAL NETWORKS FOR LINK PREDICTION
63/366.980		6/29/2022		Twitter, Inc.	Generating Message Streams
63/362.566		4/6/2022		Twitter, Inc.	RANKING MESSAGES OF A CONVERSATION GRAPH AND DISPLAYING SOCIAL CONTEXT OBJECTS
63/365.672		5/31/2022		Twitter, Inc.	REVERSE ONLINE STRONG-TIE PREDICTION IN A MESSAGING SYSTEM
63/371.477		8/15/2022		Twitter, Inc.	TWICE TWITTER CONTENT EMBEDDINGS

Application No.	Patent No.	Filing Date	Issued Date	Record Owner	Title
63/376,505		9/21/2022		Twitter, Inc.	A UNIFIED FRAMEWORK FOR LARGE SCALE HOMOPHILIOUS AND HETEROPHILIOUS GRAPHS
63/388,437		7/41/2022		Twitter, Inc.	MESSAGE PROVENANCE
63/388,558		7/12/2022		Twitter, Inc.	GENERATING AND DISPLAYING MESSAGES DURING AN AUDIO CONVERSATION ON A SOCIAL MESSAGING PLATFORM
63/390,612		7/19/2022		Twitter, Inc.	OUT OF ORDER REPLICATION EVENT DELIVERY
63/397,775		8/12/2022		Twitter, Inc.	IDENTIFYING NICHE TRENDS
63/408,013		9/19/2022		Twitter, Inc.	MACHINE LEARNING USING HYPERBOLIC EMBEDDING
63/411,517		9/29/2022		Twitter, Inc.	DECONSTRUCTING GRAPH NEURAL NETWORKS FOR LINK PREDICTION
11/800,432	827,1429	9/11/2007	9/19/2012	WILLOW ACQUISITION CORPORATION	System and Method for Collecting and Processing Data
13/604,460	868,2841	9/5/2012	3/25/2014	WILLOW ACQUISITION CORPORATION	System and Method for Collecting and Processing Data
14/223,987	956,2611	3/24/2014	2/28/2017	WILLOW ACQUISITION CORPORATION	System and Method for Collecting and Processing Data
15/444,190		2/27/2017	1/2/2018	WILLOW ACQUISITION CORPORATION	SYSTEM AND METHOD FOR EVALUATING SENTIMENT
14/610,186	985,7946	7/27/2015	10/14/2014	Summize, Inc.	SYSTEM AND METHOD FOR EVALUATING SENTIMENT
11/892,417	886,2591	8/22/2007	7/28/2015	Summize, Inc.	SYSTEM AND METHOD FOR EVALUATING SENTIMENT
12/588,870	909,2421	10/30/2009		Twitter, Inc.	SYSTEM AND METHOD FOR EVALUATING SENTIMENT
90/014,072		1/19/2018		Twitter, Inc.	DEVICE INDEPENDENT MESSAGE DISTRIBUTION PLATFORM
17/618,333		8/6/2022		Twitter, Inc.	

PATENT

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